

CRS SANCTION FOR COWANS OLD CRANES

SOUTH CENTRAL RAILWAY

HEADQUARTERS OFFICE
WORKS BRANCH
BECUNDER BLD

No. W. 268/Hc/Sl-Vol I

Dated: 09.03.2000

GSE, COM, GSE, CME, CTE/SC

DRM/M/SC, BEM, STL, UBL & MYB

Ref: Regular running of 140t. B3 Diesel Hydraulic
crane from crane supplied by W/s. Jessop and
company Limited with modified bogie over
B3 system of South Central Railway.

Ref: Railway Board's Lr.No.2000/CEDO/SL/4 dt.25.2.2000.
...

Railway Board vide the letter in reference, has accorded
sanction for movement of the Jessop make 140t B3(with
modified relieving bogie) Diesel Hydraulic crane. A copy
of the sanction is enclosed.

In connection with the above the following other documents
are enclosed:

- 1) Joint safety Certificate No.3/13/B3.
- 2) RDO's speed certificate No.3L/CN/SPD/140T/Jessop
dt. 1/25.2.91 and subsequent amendments vide letter's
dt. 15.6.92 and - .5.94.

The instructions/stipulations made may be strictly completed
with. Please acknowledge the receipt of this letter.

Encl: as above.

(Sd/-)
By: Sd/-
For: Sd/-

Handwritten notes:
① Connect JBE and minif
② up guide the register certain sections
A signature
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M. Michael

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CME/RAL
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SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO.C/18/86)
ANNEXURE 'A'

ANNEXURE SHOWING THE "SECTIONS AND SPEEDS" APPLICABLE FOR REGULAR RUNNING
OF 140 TONNE BG DIESEL HYDRAULIC PRESSURE CARS SUPPLIED BY M.S. JESSOP & CO.,
CALCUTTA WITH MODIFIED RELIEVING BOOMIES OVER BOT SYSTEM IN SOUTH CENTRAL RAILWAY.

S.No	SECTION	MAXIMUM SPEED IN KM/H
1.	BALHARSHAH (EXCL.) - VIJAYAWADA (UP & DN)	75
2.	GUDUR - VIJAYAWADA (UP & DN)	75
3.	BYE-PASS AT KAZIPET	30
4.	SECUNDERABAD - KAZIPET (UP & DN)	75
5.	WADI JN. (EXCL.) - RUKMAPUR (UP & DN)	65
6.	RUKMAPUR - VIKARABAD (SL)	50
7.	VIKARABAD - HYDERABAD - SECUNDERABAD (UP & DN)	75
8.	VIJAYAWADA - DIVVADA (UP & DN)	75
9.	WADI JN. (EXCL.) - RAICHUR (UP & DN/SL)	75
10.	RAICHUR - GOOTY (UP & DN/SL)	75
11.	GOOTY - RENIGUNTA (UP & DN/SL)	75
12.	FALAKNUMA - MAHABUBNAGAR (SL)	75
13.	TENALI - GUNTUR (SL)	75
14.	GUNTUR - NADIKUDE (SL)	75
15.	NADIKUDE - MACHERLA (SL)	50
16.	MIRYALGUDA - NADIKUDE (SL)	75
17.	NALLAPADU - DONAKONDA (SL)	75
18.	AURANGABAD - MIDKHEED (SL)	75
19.	PARBHANI - PARLIVAJNATH (SL)	75
20.	GUDUR - TIRUPATHI (SL)	75
21.	TORANAGALLU - GUNTAKAL (SL)	75
22.	MIRAJ - BELGAUM (SL) X	65
23.	LONTA - CASTLE ROCK (SL) X	50
24.	SAMALKOT JN. - KAKINADA PORT (SL)	50
25.	TENALI - REPALLE (SL)	30
26.	VIJAYAWADA - RAMAVARAPPADU (SL)	30
27.	RAMAVARAPPADU - GUDIVADA (SL)	60
28.	PAIDIPALLI - MIRYALGUDA (SL)	60
29.	DORNAKAL - BHADRACHALAM ROAD (SL)	50
30.	BHADRACHALAM ROAD - MANUGURU (SL)	50
31.	KAREPALLI - SINGARENI COLLIERIES (SL)	50
32.	SECUNDERABAD - FALAKNUMA (UP & DN)	50
33.	BOLARUM - SECUNDERABAD (SL)	50
34.	VIKARABAD (Km. 0.00) - PARLIVAJNATH (Km. 43.44) (SL)	65
35.	VIKARABAD (Km. 43.44) - PARLIVAJNATH (Km. 71.63) (SL)	50
36.	VIKARABAD (Km. 71.63) - PARLIVAJNATH (Km. 134.13) (SL)	65
37.	VIKARABAD (Km. 134.13) - PARLIVAJNATH (Km. 207.77) (SL)	50
38.	GUNTUR - KRISHNACANAL (SL)	60
39.	DHARMAVARAM - GOOTY (SL)	75
40.	PUNE (EXCL.) - MIRAJ (SL) X	60

M. Chandra
(MAHESH CHANDRA)
CHIEF MECHANICAL ENGINEER
SECUNDERABAD

C. Ramakrishna
(C. RAMAKRISHNA)
CHIEF OPERATIONS MANAGER
SECUNDERABAD

P. S. Iyer
(S.P. IYER) 8/2/99
CHIEF ENGINEER
SECUNDERABAD

S. C. Coel
(S.C. COEL)
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD

R. L. Arora
(R. L. ARORA)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

RE BOARD'S SANCTION No.

DATED

USE FILE No. 10/69 HC-98

(Annexure 'A' contd.)

174

206

Contd. Annexure - 'A'

SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO.C/18/BG)
ANNEXURE 'A'

41.	MIRAJ - KOLHAPUR (SL) ✓	69
42.	HUBLI - HOSPET (SL) ✓	65
43.	HOSPET - TORANAGALLU (SL) ✓	50
44.	HUBLI - KYARKOP (INCL.) (SL) ✓	75
45.	KYARKOP (EXCL.) - TAVARGATTI (SL) ✓	60
46.	TAVARGATTI - BELGAUM (SL) ✓	50
47.	MANMAD (EXCL.) - AURANGABAD (SL)	75
48.	BYE-PASS NEAR RAMAVARAPPADU GATE	30
49.	BYE-PASS NEAR WADI ✓	10
50.	SANATHNAGAR - MOULA ALI (BYE-PASS)	20
51.	MOTUMARRI - JAGGAYYAPET	30
52.	MANIKGARH - GADCHANDUR	30
53.	TORANAGALLU - RANJITPURA ✓	20
54.	BELLARY - RAYADURG ✓	20
55.	DONAKONDA - MARKAPUR ROAD (SL)	50
56.	GIDDALUR - NANDYAL (SL)	50
57.	NANDYAL - DRONACHELLAM (SL)	50
58.	DRONACHELAM - GUNTAKAL JN. (SL)	60
59.	MARKAPUR ROAD - GIDDALUR (SL)	30
60.	QUELEM - MARKAON (EXCL.) (SL) ✓	50
61.	MAZORDA (EXCL.) - VASCO-DA-GAMA (SL) ✓	50

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R.L. Arora
(R. L. ARORA)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

CRS/BOARD'S SANCTION NO.

DATE

CASE FILE No. W/365/HO/99

*Copy
Smt. H. O. R. (What are CLR - Q/LM ?
of letters for sanction
of Board concerns
the plan &
GOTTISWAY*

213

1/06/2010
2/06/2010

306

South Central Railway

6/10/10

Headquarters office,
Works branch,
Secunderabad.

N.A.W. 368/HIC/88.Vol.IV

De 04.08.2010.

COM, CME, CSTE, CEE, CSO & CTE
DRM/ GTL & GNT

Sub: Running of 140T BG Diesel Hydraulic Crane Manufactured BY
M/S JESSOP Co.Ltd, CALCUTTA on Guntakal- Nandyal
and Guntur- Nandyal sections of South Central Railway

R&E CRS sanction No.Q.15012/01/2010-SCC-423 De 22.7.2010

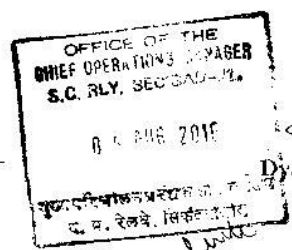
Please find enclosed a copy of CRS sanction at reference for Running of 140T BG Diesel Hydraulic Crane Manufactured BY M/S JESSOP Co.Ltd, CALCUTTA on Guntakal- Nandyal and Guntur- Nandyal sections at a maximum speed indicated in Joint Safety Certificate (or) the sectional speed whichever is lower on sections as detailed in Joint safety Certificate No.C/31/BG. The speed shall be restricted to 60 kmph on all bridges of spans between 12m & 32m (Clear) listed out in Annexure A of JSC No.C/31/BG and between km.331/6-7 to km.326/07-08 in Guntakal - Nandyal section.

The sanction is subjected to strict observation of the stipulations/ conditions mentioned in the above sanction. In this connection, copies of following documents are enclosed

- 1) CRS sanction No. Q. 15012/01/2010-SCC-423 De 22.7.2010
- 2) JSC No.C/31/BG

This is for your kind information and necessary action please.

Encl: as above



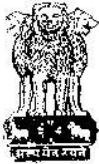
Dy. Chief Engineer

(A. Sai Baba)
Dy. Chief Engineer, Br.D

2/05/10

6/8/10

10/10



भारत सरकार
GOVERNMENT OF INDIA
नगर विमानन मंत्रालय / MINISTRY OF CIVIL AVIATION
रेल संरक्षा आयोग / COMMISSION OF RAILWAY SAFETY



दक्षिण मध्य पोलिटो, South Central Circle,
सरोजिनी देवी रोड, Sarojini Devi Road
सिकंदराबाद, Secunderabad - 500 071.

NO. Q.1501/01/2010-SCC/423

Dated: 22.07.2010.

To

The General Manager (Works).
South Central Railway.
Secunderabad.

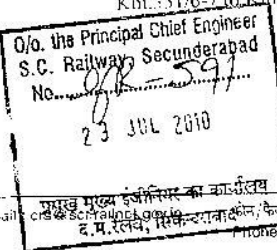
Sub: Running of 140t BG Diesel Hydraulic Crane Manufactured by
M/s. Jessop & Co. Ltd., Calcutta & Guntakal-Nandyal and
Guntur-Nandyal sections of South Central Railway.

Ref: Your letter No.W/368/HC/88.Vol.IV dt. 5.7.2010.
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With reference to your above letter, Sanction is hereby accorded for running of 140t BG Diesel Hydraulic crane manufactured by M/s. Jessop & Co. Ltd., Calcutta with match truck and ballast carrier wagon to RDSO sketch No. CR-748 AILB and suspension of relieving bogies modified as per Jessop's Drg. No. 105539 with maximum axle load of 20.0t on Guntakal - Nandyal and Nandyal - Guntur sections of South Central Railway at speeds indicated in S.C. Railway's Joint Safety Certificate No. C/31/BG or the sectional speed whichever is lower.

2. The sanction is subject to the following conditions and stipulations:

- (i) Observance of all conditions/stipulations made in RDSO Speed Certificate No. SL/CR/SPD/140t/Jessop dated 1/25.2.1991 and amendments thereto dt. 15.6.1992 & 30.5.1994.
- (ii) Observance of all conditions/stipulations made in S.C. Railway's Joint Safety Certificate No. C/31/BG along with its enclosures and concomitant track & Bridge certificates.
- (iii) The speed shall be restricted to 60 Km/h on all bridges of spans between 12m & 32m (Clear) listed out in Annexure A of JSC No. C/321/BG and between Km. 331/6-7 to Km. 326/07-08 in Guntakal-Nandyal section.



ई-मेल - E-mail : crs@scraiload.gov.in
द.म.रेलवे, ई-मेल - crs@scraiload.gov.in

फोन/फैक्स - (040) 27820104, (040) 27789979, (040) 27789960

टेलीफोन - 66979, 66980

9.041

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SOUTH CENTRAL RAILWAY

JOINT SAFETY CERTIFICATE NO. C/31/BG

Running of 140T BG DIESEL HYDRAULIC CRANE MANUFACTURED BY M/S JESSOP Co.Ltd, CALCUTTA in Guntakal-Nandyal and Guntur-Nandyal section of South Central Railway

It is certified that:

It is safe to run 140T BG DIESEL HYDRAULIC CRANE with match truck and ballast carrier wagon to RDSO Sketch No. CR-748 Alt-3 with suspension of relieving bogies modified as per Jessop's Dwg No. 105539 with maximum axle load of 20t in Guntakal-Nandyal and Guntur-Nandyal section against the maximum speed of 75 kmph specified by RDSO vide their Speed Certificate No. SL/CR/SPD/140T/Jessop dated 01/25-02-1991, amendment No.1 dated 15-06-1992, and amendment No.2 dated 03-05-1994, subject to speed restrictions and conditions.

Speed Restriction:

- 1) The maximum speed shall be restricted to 5 kmph when the crane is traveling on its own power with or without loads as indicated in sketches LD/LK-615, Alt-1 and 616 sheet 1&2 Alt-1.
- 2) All speed restrictions printed in the current working time table in force and subsequent restrictions imposed from time to time shall be strictly followed.
- 3) On the bridges spans other than between 12m and 32m (clear) the trailing load hauled by single WDM2, WAM4, or any other diesel or electric locomotive with jib resting on match truck, the speed should be restricted at a maximum speed of 75kmph, and spans between 12m and 32m, (clear) the maximum speed should be restricted at 60 kmph.
- 4) Speed restriction of 60 kmph shall be imposed from km 331/6-7 to km 326/07-08 in Guntakal-Nandyal section of Guntakal Division on account of series of bridges of span 12m to 32m.
- 5) Details of bridges on which speed will be restricted to 60 kmph are given in Annexure- A
- 6) Speed shall be 10 kmph, when driven by its own power with both relieving bogies attached for hook load upto 10t, jib radius upto 12m and slew angle upto 28°.
- 7) Speed shall be 15 kmph, when driven by own power with jib resting on match truck and with axle loads as per RDSO's sketch No.CR-748.alt-3.
- 8) Speed should be 15 kmph, when driven by own power with both relieving bogies attached to crane, removable counter weight on superstructure, jib at 5.5m radius facing match truck, with no hook load and with axle loads as shown in sketch No.LD/SK- 619 (Proposal 2)

P.C. Gajbhiye
(P.C. GAJBHIYE)
Chief Mechanical Engineer
Secunderabad

Rakesh Saxena
(RAKESH SAXENA)
Chief Operations Manager
Secunderabad

Anand Kumar
(ANAND KUMAR)
Chief Signal & Telecom Eng
Secunderabad

Jagdev
(JAGDEV KALIA)
Chief Electrical Engineer
Secunderabad

S.P. Sahu
(S.P. SAHU)
Principal Chief Engineer
Secunderabad

203

12/3

SOUTH CENTRAL RAILWAY Annexure 'A'
(Enclosure to Joint Safety Certificate NO. C/31/BG)

Annexure showing details of bridges on which speed will be restricted at 60 kmph for running of 140t BG Diesel Hydraulic Crane.

S. No.	Br. No.	Location	Span	Max. Permissible Speed (Kmph)
GTL - NDL Section				
1	152 SL	302/8-9	1 x 12.2 m	60
2	207 SL	272/07-08	4 x 12.2 m	60
GNT - NDL Section				
1	223 SL	258/7-9	3 x 17.5 m	60
2	248 SL	240/9-241/0	2 x 19.7 m	60
3	302 SL	223/9-224/0	1 x 18.3 m	60
4	308 SL	217/2-3	3 x 12.2 m	60
5	311 SL	215/9-216/0	3 x 12.2 m	60
6	320 SL	204/6-7	6 x 12.2 m	60
7	325 SL	196/8-9	1 x 12.2 m	60
8	333 SL	191/4-5	2 x 12.2 m	60
9	345 SL	183/3-4	2 x 19.6 m	60
10	367 SL	172/3-4	3 x 12.2 m	60
11	376 SL	157/3-6	6 x 20.27 m	60
12	384 SL	146/10-11	3 x 12.2 m	60
13	413 A SL	108/12-13	5 x 12.2 m	60
14	427 SL	93/3-4	11 x 18.3 m	60
15	429 SL	90/15-91/1	1 x 12.2 m	60
16	431 SL	86/14-87/1	8 x 12.2 m	60
17	434 SL	80/8-9	4 x 12.2 m	60
18	439 SL	73/7-8	8 x 12.2 m	60
19	449 SL	59/7-8	3 x 12.2 m	60
20	453 SL	53/10-11	3 x 12.2 m	60
21	454 SL	51/10-11	3 x 12.2 m	60
22	456 SL	47/1-2	3 x 12.2 m	60
23	462 SL	40/13-14	6 x 12.2 m	60
24	469 SL	31/6-7	3 x 12.2 m	60
25	470 SL	29/12-13	3 x 12.2 m	60
26	472 SL	26/4-5	3 x 12.2 m	60
27	473 SL	24/6-7	3 x 12.2 m	60
28	96 SL	301/03-04	5 x 12.2 m	60

P.C. Gajbhiye
(P.C. GAJBHIYE)
Chief Mechanical Engineer
Secunderabad

Rakesh Saksena
(RAKESH SAKSENA)
Chief Operations Manager
Secunderabad

Anand Kumar
(ANAND KUMAR)
Chief Signal & Telecom Engineer
Secunderabad

Jagdev Kalia
(JAGDEV KALIA)
Chief Electrical Engineer
Secunderabad

S.P. Sahu
(S.P. SAHU)
Principal Chief Engineer
Secunderabad

NEW COWANS SHELDON 140 T CRANE



भारत सरकार
GOVERNMENT OF INDIA
वायव्य विमानन मंत्रालय
MINISTRY OF CIVIL AVIATION



रेल संरक्षा आयुक्त
Commissioner of Railway Safety

रेल संरक्षा आयोग
COMMISSION OF RAILWAY SAFETY
ब्रिजिंग मध्य रेलमण्डल, S. C. CIRCLE
स्वातंत्र्य रोड रोड, S. D. ROAD,
मिस्कोटावर, SECUNDERABAD-500 071

अ. शा. संख्या/D. O. No.

दिनांक/Date

Q.15012/1/2001.SCC/537

Dated 22. 9. 04

01-10

To
The General Manager (Works),
South Central Railway.,
Secunderabad.

Pt. Commr.

all concerned

Sub: Regular running of 140 tonnes BG(upgraded) break down crane with
Match truck of COWANS SHELDON make over BG system of
South Central Railway.

Ref: Your application No.W.368/HC/88/Vol.III dated 30.12.2003
&7.9.04.

- 1.0 Sanction is hereby communicated for running of 140 tonnes BG (upgraded)Break Down crane with match truck of COWANS SHELDON make over various sections of South Central Railway at speeds indicated in Joint Safety Certificate No.C/27/BG based on conditions laid down in RDSO's provisional Sped certificate No. SD.C.140T.COWANS.11 dated 27.2.2002, Railway Board's sanction letter No.2001/CEDO/SR/1, dated 24.3.2003 and all concomitant bridge certificate, Track certificate, Joint Safety Certificate No.C/27/BG except for the sections as indicated below:

(i) Adilabad-Pimpalkutty(SL) which has not been Inspected & authorised by the CRS for running of trains and the speed for the section Markapur Road – Giddalur (SL) should be restricted to 20 Kmph as the section is laid with 75-R track, an obsolete rail section for Broad Gauge.

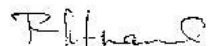
(ii) The sections enclosed as annexure falling under S.W.Railway, the sanction for the same should be obtained from the Commissioner of Railway Safety, Southern Circle, Bangalore.

- 2.0 Sanction is subject to the following conditions/stipulations:
(1) Observance of all permanent and temporary speed restrictions in force and those that may be imposed from time to time due to track, bridge, curves, signaling and interlocking etc. shall be strictly observed.



: 2 :

- (II) During the Crane working, special watch shall be kept on the condition of fish-plates.
- (III) It shall be marshaled as per the Relevant Rules/Existing practices of the Railway.
- (IV) When the Crane is ,moved in train formation, it shall be ensured that all the protruding parts are withdrawn and suitably locked so that there is no infringements with permanent structures.


(R.P. AGRAWAL)
Commissioner of Rly. Safety
South Central Circle,
Secunderabad.

Copy to the Chief Commissioner of Railway Safety, Lucknow for information.
Copy to All Commissioners of Railway Safety for information.

430

ANNEXURE TO LR.NO.Q.15012/1/2001.SCC

1.	HOSPET-GUNDARAOAD IN.SWAMIHALLI	.. SWR
2.	HUBLI- HOSPET(SL)	.. SWR
3.	HUBLI -BELGAUM(EXCL)(SL)	.. SWR
4.	BELGAUM - MIRAJ(SL)	.. SWR
5.	PUNE(ECL)- MIRAJ(SL)	.. SWR
6.	MIRAJ -KOLHAPUR(SL)	.. SWR
7.	BIJAPUR -HOTGI (EXCL)(SL)	.. SWR
8.	LONDA - CASTLE ROCL(SL)	.. SWR
9.	CASTLE ROCK -KULEM(SL)	.. SWR
10.	KULEM -MADGAON(EXCL)(SL)	.. SWR
11.	MAZORD(EXCL)-VASCODAGAMA(SL)	.. SWR
12.	ALNAWAR - AMBEWADI(SL)	.. SWR

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429
F-42
(1/2)

SOUTH CENTRAL RAILWAY

JOINT SAFETY CERTIFICATE NO. C/27/BG

REGULAR RUNNING OF 140 TONNES BG (UPGRADED) BREAK DOWN CRANE WITH MATCH TRUCK OF COWANS SHELDON MAKE. OVER BG SYSTEM OF SOUTH CENTRAL RAILWAY.

THAT IT IS SAFE TO RUN 140 TONNES BG (UPGRADED) BREAK DOWN CRANE WITH MATCH TRUCK MANUFACTURED BY COWANS-SHELDON UK, AS PER RDSO SKETCH No.4WDH 140 CR, WITH A MAXIMUM AXLE LOAD 20t IN RUNNING ORDER WITH JIB RESTING ON A MATCH TRUCK FITTED WITH TWO 3-AXLE BOGIES WITH A SINGLE STAGE PARABOLIC LEAF SPRING SUSPENSION ARRANGEMENT AND A JIB RESTING ON THE MATCH TRUCK FITTED WITH TWO 2-AXLE BOGIES AS PER RDSO DRAWING No.WD-92058-S/2, AT MAXIMUM SPEEDS AS INDICATED FOR EACH SECTION IN THE ANNEXURE 'A' ENCLOSED, WHEN HAULED IN A TRAIN AS A TRAILING LOAD WITH JIB RESTING ON MATCH TRUCK, AGAINST THE MAXIMUM SPEED OF 100KMPH SPECIFIED BY RDSO VIDE THEIR SPEED CERTIFICATE No. SD.C.140T.COWANS.11 DATED 27-02-2002 SUBJECT TO SPEED RESTRICTIONS AND CONDITIONS MENTIONED BELOW.

ENCLOSURE: ANNEXURE 'A' SHOWING SECTIONS AND SPEEDS.

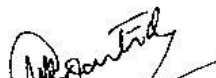
SPEED RESTRICTIONS:

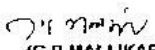
1. AS PRINTED IN CURRENT WORKING TIME-TABLE AND SUBSEQUENT RESTRICTIONS IMPOSED FROM TIME TO TIME SHALL BE FOLLOWED.
2. THE MAXIMUM SPEED SHALL BE RESTRICTED TO 5 KMPH WHEN THE CRANE IS TRAVELLING ON ITS OWN POWER WITH OR WITH OUT LOADS AS INDICATED IN SKETCH No. 4WDH 140 CR AND WHEEL LOADS AS PER SKETCHES- LD/SK-622 & 623.
3. WHEREVER 44.61 KG. POINTS AND CROSSINGS EXIST ON MAIN LINE, A SPEED RESTRICTION OF 75 KMPH SHALL BE IMPOSED.

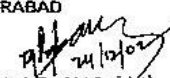
CONDITIONS:

1. ALL THE CONDITIONS AND STIPULATIONS AS MENTIONED IN RDSO SPEED CERTIFICATE No. SD.C.140T. COWANS. 11 Dt. 27-02-2002 SHALL BE STRICTLY ADHERED TO.
2. WHEN THE CRANE IS MOVED IN TRAIN FORMATION, IT SHALL BE ENSURED THAT ALL THE PROTRUDING PARTS ARE WITHDRAWN AND SUITABLY LOCKED, SO THAT THERE IS NO INFRINGEMENT WITH PERMANENT STRUCTURES.
3. THE CRANE SHALL BE MARSHALLED AS PER THE RELEVANT RULES/ EXISTING PRACTICES OF THE RAILWAY.
4. DURING THE CRANE WORKING, A SPECIAL WATCH SHALL BE KEPT ON THE CONDITION OF THE FISH-PLATES.


15.2.02
(NAIPAL SINGH)
CHIEF MECHANICAL
ENGINEER
SECUNDERABAD


(S.B. GOSH DASTIDAR)
CHIEF OPERATIONS
MANAGER
SECUNDERABAD


(G.P. MALLIKARJAN)
CHIEF ENGINEER
SECUNDERABAD


(M.M. LAKASA)
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD


(P.S. VENKATARAMAN)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

CRS/BOARD'S SANCTION No.

DATED

CASE FILE No. W.368/HQ/88/VOL.III

"THIS IS A COMPUTER GENERATED JOINT SAFETY CERTIFICATE. ANY MANUAL ALTERATION BY WAY OF ERASING / OVER WRITING / ADDITION / DELETION SHALL AUTOMATICALLY RENDER IT INVALID".

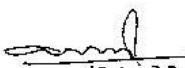
(Annexure-A cont'd...)

428

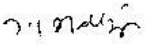
SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO.C/27/BG)
ANNEXURE 'A'

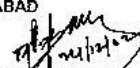
ANNEXURE SHOWING THE SECTIONS AND SPEEDS APPLICABLE FOR REGULAR RUNNING OF 140 TONNE BG (UPGRADED) BREAK DOWN CRANE WITH MATCH TRUCK OF COWANS SHELTON MAKE OVER SOUTH CENTRAL RAILWAY.

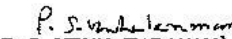
<u>S.No</u>	<u>SECTION</u>	<u>MAXIMUM SPEED IN KMPH</u>
1.	BALHARSHAH (EXCL) – VIJAYAWADA (UP & DN)	100
2.	GUDUR – VIJAYAWADA (UP & DN)	100
3.	WADI (EXCL) –HYDERABAD–SECUNDERABAD - KAZIPET (UP & DN) (Inclusive chord line at HUSSAINSAGAR JN.)	100
4.	VIJAYAWADA – DUVVADA (EXCL) (UP & DN)	100
5.	TENALI – GUNTUR (SL)	100
6.	GUNTUR – NALLAPADU (UP)	100
7.	GUNTUR – NALLAPADU (DN)	60
8.	NALLAPADU – NADIKUDE (SL)	100
9.	NADIKUDE – MACHERLA (SL)	80
10.	MIRYALAGUDA – NADIKUDE (SL)	100
11.	NALLAPADU – DONAKONDA (SL)	100
12.	WADI (EXCL) – RENIGUNTA (UP & DN & SL)	100
13.	GUDUR – RENIGUNTA – TIRUPATHI (SL)	100
14.	DHARMAVARAM – GOOTY (SL)	100
15.	TORANAGALLU – GUNTAKAL (SL)	100
16.	DONAKONDA – MARKAPUR ROAD (SL)	100
17.	GIDDALUR – NANDYAL (SL) (GHAT SECTION)	100
18.	NANDYAL – DRONACHELLAM (SL)	100
19.	DRONACHELLAM – GUNTAKAL (SL)	100
20.	BELGAUM – MIRAJ (SL)	100
21.	LONDA – CASTLE-ROCK (SL)	65
22.	CASTLE-ROCK–KULEM (SL)	UP DIRECTION DN DIRECTION 25 40
23.	KULEM – MADGAON (EXCL) (SL)	75
24.	MAZORDA (EXCL)-VASCO DA GAMA (SL)	Km.92.50 To Km.99.88. Km.99.88 To Km.109.11. 75 65
25.	FALAKNUMA (EXCL) - MAHABUBNAGAR (SL)	100
26.	AURANGABAD – MUDKHED (SL)	100
27.	PARLI VAJUNATH – PARBHANI (SL)	100
28.	PAGIDIPALLI – MIRYALAGUDA (SL)	75
29.	DORNAKAL – BHADRACHALAM ROAD (SL)	75
30.	BHADRACHALAM ROAD – MANUGURU (SL)	50
31.	VIKARABAD – PARLI VAJUNATH (SL)	75


 17.7.02
 (NAIPAL SINGH)
 CHIEF MECHANICAL
 ENGINEER
 SECUNDERABAD


 (S.B. GHOSH DASTIDAR)
 CHIEF OPERATIONS
 MANAGER
 SECUNDERABAD


 (G.P. MALLIKARJAN)
 CHIEF ENGINEER
 SECUNDERABAD


 (M.M. PRAKASAM)
 CHIEF ELECTRICAL ENGINEER
 SECUNDERABAD


 (P.S. VENKATARAMAN)
 CHIEF SIGNAL & TELECOM ENGINEER
 SECUNDERABAD

CRS/BOARD'S SANCTION No.

DATED

CASE FILE No. W.368/MC/88/VOL III

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(Annexure 'A' contd..)

5127

SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO.C/27/BG)
(ANNEXURE 'A' (CONTD..))

S.No	SECTION	MAXIMUM SPEED IN KMPH
32.	SANATHNAGAR - MOULA ALI (BYE-PASS) (SL)	50
33.	KAREPALLI - SINGARENI COLLIERIES (SL)	75
34.	SECUNDERABAD - LALLAGUDA (3 rd LINE)	50
35.	TENALI - REPALLE (SL)	75
36.	GUDIVADA - MACHILIPATNAM (SL)	75
37.	GUNTUR - KRISHNA CANAL (SL)	75
38.	VIJAYAWADA - BHIMAVARAM (SL)	75
39.	BHIMAVARAM - NIDADAVOLU (SL)	75
40.	BHIMAVARAM - NARASAPUR (SL)	65
41.	SAMALKOT - KAKINADA PORT (SL)	75
42.	HOSPET - TORANAGALLU (SL)	75
43.	SECUNDERABAD - FALAKNUMA (UP,DN & SL)	75
44.	BOLARUM - SECUNDERABAD (SL)	75
45.	MAHABUBNAGAR - DRONACHELLAM (SL)	75
46.	MANMAD (EXCL) - AURANGABAD (SL)	75
47.	ADILABAD - PIMPALKUTTY (SL)	50
48.	MOTUMARI - JAGGAYYAPET TOWN (SL)	30
49.	MANIKGARH - GADCHANDUR (SL)	50
50.	HOSPET - GUNDA ROAD JN. (SL)	30
51.	GUNDA ROAD - SWAMIHALLI (SL)	30
52.	TORANAGALLU - RANJITPURA (SL)	30
53.	HUBLI - HOSPET (SL)	75
54.	HUBLI-BELGAUM(EXCL)(SL)	75
	Km.466.00-Km534.00	65
	Km.534.00-Km569.13	65
	Km.534.00-Km569.13	65
55.	BIJAPUR - HOTGI (EXCL) (SL)	75
56.	PUNE (EXCL) - MIRAJ (SL)	75
57.	MIRAJ - KOLHAPUR (SL)	75
58.	PEDDAPALLI - KARIMNAGAR (SL)	75
59.	BELLARY - RAYADURG (SL)	50
60.	ALNAWAR - AMBEWADI (SL)	25

(NAIPAL SINGH)
 CHIEF MECHANICAL
 ENGINEER
 SECUNDERABAD

(S.B.GHOSH DASTIDAR)
 CHIEF OPERATIONS
 MANAGER
 SECUNDERABAD

(G.P.MALLIKARJAN)
 CHIEF ENGINEER
 SECUNDERABAD

(M.M. PRASAD)
 CHIEF ELECTRICAL ENGINEER
 SECUNDERABAD

(P.S. VENKATARAMAN)
 CHIEF SIGNAL & TELECOM ENGINEER
 SECUNDERABAD

CRS/BOARD'S SANCTION No.

DATED

CASE FILE No. W.368/HC/88/VOL.III

"THIS IS A COMPUTER GENERATED JOINT SAFETY CERTIFICATE. ANY MANUAL ALTERATION BY WAY OF ERASING / OVER WRITING / ADDITION / DELETION SHALL AUTOMATICALLY RENDER IT INVALID."

CRS SANCTION GOTTWALD NEW CRANE



भारत सरकार
GOVERNMENT OF INDIA
नागर विमानन मंत्रालय / MINISTRY OF CIVIL AVIATION
रेल संरक्षा आयोग / COMMISSION OF RAILWAY SAFETY



दक्षिण मध्य परिमंडल, South Central Circle,
सरोजिनी देवी रोड, Sarojini Devi Road,
सिकंदराबाद Secunderabad - 500 071.

Q.15012/1/2005-SCC

Dated 28.12.06

To
The General Manager (Works),
South Central Railway.,
Secunderabad.

Sub: Running of 140t BG Diesel Hydraulic Breakdown Crane of Gottwald design fitted with vertical dampers on crane bogie with well type match truck with Casnub 22HS bogie and designated as 140 WDH GOTTWALD A2 over BG sections of S.C.Rly.
Ref: Your letter No.W.369/HC/88/Vol.III dated 09.10.2006.

With reference to your above letter, Sanction is hereby communicated for running of 140t BG Diesel Hydraulic Breakdown Crane of Gottwald design fitted with vertical dampers on crane bogie with well type match truck with Casnub 22HS bogie and designated as 140 WDH GOTTWALD A2 over various BG sections of South Central Railway at speed indicated in Joint Safety Certificate No.C/30/BG or the sectional speed whichever is lower subject to various conditions laid down in RDSO's Speed Certificate No SL.CR.SPD.BG.UPGRADE dt 27.01.2005 and all concomitant Bridge, Track, JSC except for the sections as indicated below :-

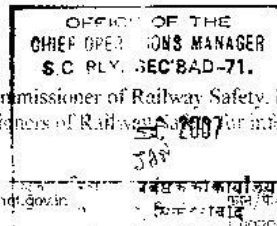
(i) Adilabad – Pimpalkutty (SL) and Markapur Road - Giddalur (SL), which have not been inspected & authorised by the CRS. The running of the above crane on these sections should be based on certification by Railway Administration.

2. Sanction is subject to the following conditions/stipulations:

- Observance of all permanent and temporary speed restrictions in force and those that may be imposed from time to time due to track, bridge, curves, signaling and interlocking etc. shall be strictly observed.
- During the crane working special watch shall be kept on the condition of fish-plates.
- It shall be marshaled as per the Relevant Rules/Existing practices of the Railway.
- When the crane is moved in train formation, it shall be ensured that all the protruding parts are withdrawn and suitably locked so that there are no infringements with permanent structures.

Copy to :-

The Chief Commissioner of Railway Safety, Lucknow for information.
All Commissioners of Railway for information.



(R.P.AGRAWAL)
Commissioner of Railway Safety

ई मेल/E-mail : crs@secr.railindia.gov.in

रबिंद्र कर्माकर
फोन/पिन
फैक्स/फैक्स

सीएसएमएल (BSNL)
(040) 27620161, (040) 27625988

रेलवे/Railway
86960 86962

- 241 - page. 1 of 3. (43)

SOUTH CENTRAL RAILWAY

JOINT SAFETY CERTIFICATE NO. C/30/BG

RUNNING OF 140 TONNES GOTTWALD BG DIESEL HYDRAULIC BREAK DOWN CRANE (140 WDH GOTTWALD A2), OVER BG SYSTEM OF SOUTH CENTRAL RAILWAY.

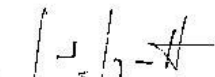
CERTIFIED THAT IT IS SAFE TO RUN 140 TONNES GOTTWALD BG DIESEL HYDRAULIC BREAK DOWN CRANE, AS PER GENERAL ARRANGEMENT RDSO'S SKETCH, No. 140 WDH GOTTWALD A2 WITH A MAXIMUM AXLE LOAD OF 20.00T IN RUNNING ORDER WITH JIB RESTING ON MATCH TRUCK AT MAXIMUM SPEEDS AS INDICATED AGAINST EACH SECTION IN ANNEXURE 'A' ENCLOSED, WHEN HAULED IN A TRAIN FORMATION AS A TRAILING LOAD WITH JIB RESTING ON MATCH TRUCK, AGAINST THE MAXIMUM SPEEDS OF 100KMPH SPECIFIED BY RDSO VIDE THEIR FINAL SPEED CERTIFICATE No. SL/CR/SPD/BG/UPGRADE, DATED 10-02-2005, SUBJECT TO THE SPEED RESTRICTIONS AND CONDITIONS MENTIONED BELOW.

ENCLOSURE: ANNEXURE 'A' SHOWING SECTIONS AND SPEEDS.

- SPEED RESTRICTIONS:**
1. AS PRINTED IN CURRENT WORKING TIME-TABLE AND SUBSEQUENT RESTRICTIONS IMPOSED FROM TIME TO TIME SHALL BE FOLLOWED.
 2. THE MAXIMUM SPEED SHALL BE RESTRICTED TO 5 KMPH WHEN THE CRANE IS TRAVELLING ON ITS OWN POWER WITH OR WITH OUT LOADS AS INDICATED IN SKETCH 140WDH GOTTWALD A2 AND WHEEL LOADS AS PER SKETCH NO. LD/SK-620 AND 621 WHEN CRANE IS NOT WORKING ON THE BRIDGE AND SKETCH NO. LD/SK-626 AND 627 WHEN CRANE IS PARTIALLY OR FULLY WORKING ON THE BRIDGE.
 3. WHEREVER 44.61KG POINTS AND CROSSINGS EXIST ON MAIN LINE, A SPEED RESTRICTION OF 75 KMPH SHALL BE IMPOSED.

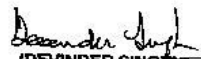
- CONDITIONS:**
1. ALL THE CONDITIONS AND STIPULATIONS AS MENTIONED IN RDSO SPEED CERTIFICATE No. SL/CR/SPD/BG/UPGRADE DATED 10-02-2005 SHALL BE STRICTLY ADHERED TO.
 2. WHEN THE CRANE IS MOVED IN TRAIN FORMATION, IT SHALL BE ENSURED THAT ALL THE PROTRUDING PARTS ARE WITHDRAWN AND SUITABLY LOCKED, SO THAT THERE IS NO INFRINGEMENT WITH PERMANENT STRUCTURES.
 3. THE CRANE SHALL BE MARSHALLED AS PER THE RELEVANT RULES/ EXISTING PRACTICES OF THE RAILWAY.
 4. DURING THE CRANE WORKING, A SPECIAL WATCH SHALL BE KEPT ON THE CONDITION OF THE FISH-PLATES.


(ARUN BHAGRA)
CHIEF MECHANICAL
ENGINEER
SECUNDERABAD


(J.N. JAGANNATH)
CHIEF OPERATIONS
MANAGER
SECUNDERABAD


(R.K. GOYAL)
PRINCIPAL CHIEF ENGINEER
SECUNDERABAD


(SUDESH KUMAR)
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD


(DEVINDER SINGH)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

CRS/BOARD'S SANCTION No.

DATED

CASE FILE No. W.368/MC/88/VOL.III

-213- -page 2 of 3.

SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO.C/30/BG)
ANNEXURE 'A'

ANNEXURE SHOWING THE SECTIONS AND SPEEDS APPLICABLE FOR REGULAR
RUNNING OF 140 TONNE BG DIESEL HYDRAULIC BREAK DOWN CRANE (140 WDH
GOTTWALD A2) OF GOTTWALD OVER SOUTH CENTRAL RAILWAY.

<u>S.No</u>	<u>SECTION</u>	<u>MAXIMUM SPEED IN KMPH</u>
1.	BALHARSHAH (EXCL) - VIJAYAWADA (UP & DN) (Incl. Bye pass line at Kazipet Jn.)	100
2.	GUDUR - VIJAYAWADA (UP & DN)	100
3.	WADI (EXCL) - HYDERABAD-SECUNDERABAD - KAZIPET (UP & DN) (inclusive chord line at HUSSAINSAGAR JN.)	100
4.	WADI (EXCL) - RENIGUNTA (UP & DN & SL) (Incl. Bye pass line at Wadi Jn.)	100
5.	DHARMAVARAM - GOOTY (SL)	100
6.	VIJAYAWADA - DUVVADA (EXCL) (UP & DN)	100
7.	SECUNDERABAD - LALLAGUDA (3 rd LINE)	50
8.	TENALI - GUNTUR (SL)	100
9.	GUNTUR - NALLAPADU (UP)	100
10.	GUNTUR - NALLAPADU (DN)	50
11.	NALLAPADU - NADIKUDE (SL)	100
12.	NADIKUDE - MACHERLA (SL)	50
13.	MIRYALAGUDA - NADIKUDE (SL)	100
14.	NALLAPADU - DONAKONDA (SL)	100
15.	DONAKONDA - GIDDALUR (SL)	100
16.	GIDDALUR - NANDYAL (SL)	100
17.	NANDYAL - DRONACHELLAM (SL)	100
18.	DRONACHELLAM - GUNTAKAL (SL)	100
19.	BELLARY (EXCL) - GUNTAKAL (SL)	100
20.	GUDUR - RENIGYUNTA - TIRUPATI (UP/DN/SL)	100
21.	FALAKNUMA (EXCL) - MAHABUBNAGAR (SL)	100
22.	AURANGABAD - MUDKHED (SL)	100
23.	PARLI VAJUNATH - PARBHANI (SL)	100
24.	GOOTY - PAGIDIRAI (SL)	75
25.	PAGIDIRAI - PENDEKALLU (SL)	90
26.	KATPADI (EXCL) - TIRUPATI (SL)	90
27.	PAGIDIPALLI - MIRYALAGUDA (SL)	75
28.	VIKARABAD - PARLI VAJUNATH (SL)	75
29.	GUNTUR - KRISHNA CANAL (SL)	75
30.	VIJAYAWADA - GUDIWADA (SL)	75

(ARUN BHAGRA)
CHIEF MECHANICAL
ENGINEER
SECUNDERABAD

(J.N.JAGANNATH)
CHIEF OPERATIONS
MANAGER
SECUNDERABAD

(R.K.GOYAL)
PRINCIPAL CHIEF ENGINEER
SECUNDERABAD

(SUDESH KUMAR)
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD

(DEVINDER SINGH)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

CRS/BOARD'S SANCTION No.

DATED

CASE FILE No. W.368/HC/88/VOL.III

MUE - BMO

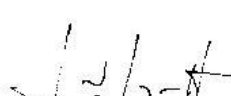
C/27/BG - 7 CARRIAGE SHEDS UP
MUE - BMO

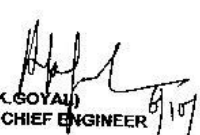
-212- Page 3 of 3 (42) 1
(Annexure 'A' contd..)

SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO.C/30/BG)
(ANNEXURE 'A' (CONTD..))

S.No	SECTION	MAXIMUM SPEED IN KMPH
31.	GUDIWADA - BHIMAVARAM (SL)	75
32.	BHIMAVARAM - NIDADAVOLU (SL)	75
33.	SAMALKOT - KAKINADA PORT (SL)	75
34.	SECUNDERABAD - FALAKNUMA (UP,DN & SL)	75
35.	MAHABOONAGAR - DRONACHELLAM (SL)	75
36.	MANMAD (EXCL) - AURANGABAD (SL)	75
37.	PEDDAPALLI - KARIMNAGAR (SL)	75
38.	DORNAKAL - BHADRACHALAM ROAD (SL)	75
39.	BHADRACHALAM ROAD - MANUGURU (SL)	50
40.	KAREPALLI - SINGARENICOLLIERIES (SL)	75
41.	SANATHNAGAR - MOULA ALI (BYE-PASS) (SL)	50
42.	TENALI - REPALLE (SL)	75
43.	GUDIWADA - MACHILIPATNAM (SL)	75
44.	BHIMAVARAM - NARASAPUR (SL)	65
45.	BOLARUM - SECUNDERABAD (SL)	75
46.	ADILABAD - PIMPALKUTTY (SL)	50
47.	MOTUMARI - JAGGAYYAPET TOWN (SL)	30
48.	MANIKGARH - GADCHANDUR (SL)	50


(ARUN BHAGRA)
CHIEF MECHANICAL
ENGINEER
SECUNDERABAD


(J.N. JAGANNATH)
CHIEF OPERATIONS
MANAGER
SECUNDERABAD


(R.K. GOYAL)
PRINCIPAL CHIEF ENGINEER
SECUNDERABAD


(SUDESH KUMAR)
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD


(DEVINDER SINGH) 31/06/06
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

CRS/BOARD'S SANCTION No.

DATED

CASE FILE No. W.368/HC/88/VOL.III

CRS SANCTION FOR SP-ART & SPARMV



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA
राज्य परिवहन मंत्रालय / MINISTER OF CIVIL AVIATION
रेल सुरक्षा आयोग / COMMISSION OF RAILWAY SAFETY



दक्षिण मध्य परिसर, South Central Circle,
नरसिम्ह देवी रोड, Sarojini Devi Road,
सिकंदराबाद Secunderabad - 500 011.

Q.15012/01/05-SCC

Dated 10. 06. 05

To

The General Manager (Works),
South Central Railway,
Secunderabad.

Sub: Operation of BG self-propelled Accident Relief Train manufactured
by Rail Coach Factory, Kapurthala, over BG system of South Central
Railway

Ref: Your letter No.W.561/SELF-PROPELLED/98.Vol.II dated 04.05.05.

Sanction is hereby accorded for running of BG self-propelled 08 wheeler
accident relief train, twin car unit consisting of driving power car (Auxiliary Tool
Van) and a driving trailer car manufactured by RCF/Kapurthala as detailed in
RDSO's final speed certificate No.SD.Self-Propelled ART.11 dated 5.4.04,
having the axle load of DPC as $17.32t \pm 2\%$ and that of DTC as $13.76t \pm 2\%$, on
BG sections of South Central Railway at a maximum speed of 90 kmph subject to
such lesser speeds as certified in the Railway's Joint Safety Certificate
No.E/468/BG for various sections or the present sectional speeds whichever is
lowest for the individual section. The speed limits presently in force in the station
sections shall be scrupulously observed.

2. The sanction is subject to observance of all permanent and temporary
speed restrictions in force or those that may be imposed from time to time on
various accounts. All conditions/stipulations laid down in RDSO's final speed
certificate No. SD Self-propelled ART.11 dated 05.4.04, South Central Railway's
Joint Safety Certificate No. E/468/BG and other accompanying certificates shall
also be observed.

(R.P.AGRAWAL)
Commissioner of Rly.Safety
South Central Circle,
Secunderabad.

ई मेल/ E-mail : crs@crs.igvet.gov.in

फोन/फैक्स
Phone/Fax

(बीएसएस BSNL)

(040) 27320104, (040) 27725980

रेलवे / Railway
80909, 80979

1257

SOUTH CENTRAL RAILWAY
JOINT SAFETY CERTIFICATE NO. E/488/BG

OPERATION OF BG SELF PROPELLED ACCIDENT RELIEF TRAIN MANUFACTURED BY RAIL COACH FACTORY, KAPURTHALA, OVER BG SYSTEM OF SOUTH CENTRAL RAILWAY.

CERTIFIED THAT IT IS SAFE TO RUN BG SELF PROPELLED ACCIDENT RELIEF TRAIN MANUFACTURED BY RAIL COACH FACTORY, KAPURTHALA, AS PER THEIR GENERAL LAYOUT DRAWING No. S RT 90001 ALT.V FOR DRIVING POWER CAR AND RT 90002 FOR DRIVING TRAILING CAR, WITH MAXIMUM AXLE LOAD OF $17.32 \pm 2\%$, AND AT A MAXIMUM SPEEDS AS INDICATED AGAINST EACH SECTION IN ANNEXURE-A' ENCLOSED AGAINST THE MAXIMUM SPEED OF 105 KMPH AS CERTIFIED BY RDSO VIDE THEIR SPEED CERTIFICATE No. SO SELF PROPELLED -ART-11, DATED 05-04-2004, (THIS SPEED CERTIFICATE SUPERSEDES THE EARLIER FINAL MAXIMUM SPEED CERTIFICATE OF EVEN No. DATED 28-07-1999) SUBJECT TO THE SPEED RESTRICTIONS AND CONDITIONS.

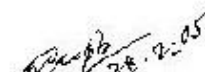
ENCLOSURE : ANNEXURE 'A'

SPEED RESTRICTIONS :

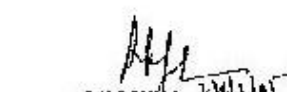
1. ALL OTHER SPEEDS RESTRICTIONS AS PRINTED IN CURRENT WORKING TIME TABLE IN FORCE AND SUBSEQUENT RESTRICTIONS IMPOSED FROM TIME TO TIME SHALL BE STRICTLY FOLLOWED

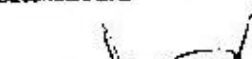
CONDITIONS :

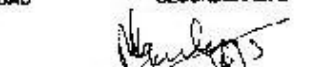
1. THE SPEED OF SPART WHILE RUNNING THROUGH THE STATION WILL BE DECIDED BY THE ZONAL RAILWAYS DEPENDING UPON THE TYPE OF TRACK RELAY USED, TYPE OF ROUTE RELEASE CIRCUIT ADOPTED, LENGTH OF FWT TRACK CIRCUIT PROVIDED AHEAD OF LAST STOP SIGNAL AND STANDARE OF INTERLOCKING EXISTING AT A STATION.
2. THE PROFILE OF SELF PROPELLED ACCIDENT RELIEF TRAIN (SPART) INFRINGES THE CLAUSE 31 OF CHAPTER IV (A) OF BG SCHEDULE OF DIMENSIONS 1929, REPRINT (1973). RAILWAY BOARD HAVE GUNDONED THIS INFRINGEMENT VIDE THEIR LETTER No. 99/CED/SR/12 DATED 18-7-1999.
3. THIS SPEED CERTIFICATE SUPERSEDES THE EARLIER FINAL MAXIMUM SPEED CERTIFICATE OF EVEN No. DATED 28-07-1999.
4. ALL OTHER CONDITIONS/STIPULATIONS LAID DOWN IN RDSO SPEED CERTIFICATE ISSUED VIDE LETTER No. SO SELF PROPELLED -ART-11, DATED 05-04-2004, SHALL BE STRICTLY ADHEREE TO.


(M. GUPTA)
CHIEF MECHANICAL
ENGINEER
SECUNDERABAD


(H.G. SHARMA)
CHIEF OPERATIONS
MANAGER
SECUNDERABAD


(R.K. GOYAL) 24/3/05
PRINCIPAL CHIEF ENGINEER
SECUNDERABAD


(SATISH KUMAR)
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD


(P. R. GOUNDAN)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD
DATED

CRS/BOARD'S SANCTION No.

CASE FILE No. W/561/SELF PROPELLED/SS/Vol.1

THIS IS A COMPUTER GENERATED JOINT SAFETY CERTIFICATE AND MANUAL SIGNATURE OF THE INCUMBENT OFFICER BY WAY OF SIGNING OVER WRITING ADDITIONAL DETAIL SHALL AUTOMATICALLY RENDER IT INVALID

126

SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO. EM68/BG)
ANNEXURE 'A'

ANNEXURE SHOWING THE 'SECTIONS AND SPEEDS' APPLICABLE FOR RUNNING OF BG SELF PROPELLED ACCIDENT RELIEF TRAIN MANUFACTURED BY RAIL COACH FACTORY, KAPURTHALA, OVER BG SYSTEM OF SOUTH CENTRAL RAILWAY.

S.No	SECTION	MAXIMUM SPEED IN KM/H
1.	BALHARSHAH (EXCL.) - VIJAYAWADA (UP & DN) (Incl. Bye pass line at Kozipet JN.)	105
2.	VIJAYAWADA - GUDUR (UP & DN)	105
3.	VIJAYAWADA - DUVVADA (EXCL.) (UP & DN)	105
4.	WADE (EXCL.) - HYDERABAD - SECUNDERABAD - KAZIPET (UP & DN) (Inclusive Chord line at Hussain sagar JN.)	105
5.	SECUNDERABAD-LALAGUDA (2 nd LINE)	50
6.	SAHATHNAGAR - MOULA ALI (BYE PASS) (SL)	50
7.	WADI (EXCL.) - RENIGUNTA (UP, DN & SL) (Including BYE-PASS LINE at WADI JN.)	105
8.	DHARMAVARAM - GOOTY (SL)	105
9.	GUDUR - RENIGUNTA - TIRUPATI (UP/DN/SL)	100
10.	KATPADI - TIRUPATHI (SL)	90
11.	SECUNDERABAD - FALAKNUMA (UP/DN/SL)	80
12.	FALAKNUMA - MAHABUBNAGAR (SL)	100
13.	MAHABUBNAGAR - DHONE (SL)	100
14.	TERALI - GUNTUR (SL)	100
15.	GUNTUR - NALLAPADU (UP)	80
16.	GUNTUR - NALLAPADU (DN)	100
17.	NALLAPADU-NADIKUDE (SL)	90
18.	NADIKUDE - MACHERLA (SL)	100
19.	NADIKUDE - MIRYALGUDA (SL)	100
20.	MIRYALGUDA - PACIDIPALLI (SL)	100
21.	NALLAPADU - DHONE - GUNTAKAL (SL)	100
22.	BELLARY (EXCL.) - GUNTAKAL (SL)	100
23.	MAHMAD (EXCL.) - AURANGABAD (SL)	100
24.	AURANGABAD - MUDKHED (SL)	100
25.	PARBHANI - PARLVAJUNATH (SL)	100
26.	VIKARABAD - PALVAJUNATH (SL)	90
27.	GOOTY - PASIDIRAI (SL)	75
28.	PASIDIRAI - PENDEKALLU (SL)	80
29.	GUNTUR - KRISHNACANAL (SL)	90
30.	VIJAYAWADA - GUDIVADA (SL)	100
31.	GUDIVADA - BHIMAVARAM (SL)	90
32.	BHIMAVARAM - MIDAVOLU (SL)	100
33.	SAMALKOT JN. - KAKINADA PORT (SL)	100
34.	TENALI - REPALLE (SL)	75
35.	GUDIVADA - MACHILIPATNAM (SL)	75
36.	BHIMAVARAM - MARBAPUR (SL)	85
37.	BOLARUM - SECUNDERABAD (SL)	80
38.	DORNAKAL - BHADRACHALAM ROAD (SL)	75
39.	BHADRACHALAM ROAD - MANUGURU (SL)	50
40.	KAREPALU - SINGARENI COLLIERIES (SL)	75
41.	PEDDAPALLI - KARIMNAGAR (SL)	75
42.	MANIKGARRH - QADQANDUR (SL)	50
43.	MOTUMARRI - JAGGAYYAPET TOWN (SL)	30
44.	ADILABAD - PIMPALKUTTY (SL)	50

(Signature)
 (M. GUPTA)
 CHIEF MECHANICAL ENGINEER
 SECUNDERABAD

(Signature)
 (H.G. SHARMA)
 CHIEF OPERATIONS MANAGER
 SECUNDERABAD

(Signature)
 (R.K. GOYAL)
 PRINCIPAL CHIEF ENGINEER
 SECUNDERABAD

(Signature)
 (SATISH KUMAR)
 CHIEF ELECTRICAL ENGINEER
 SECUNDERABAD

(Signature)
 (P.C. GOUDAM)
 CHIEF SIGNAL & TELECOM ENGINEER
 SECUNDERABAD

CORPORATE'S SANCTION No.

DATED

CASE FILE No. W561/SELF PROPELLED/68/VOL II



भारत सरकार
GOVERNMENT OF INDIA

नगर विमानन मंत्रालय / MINISTRY OF CIVIL AVIATION
रेल सुरक्षा आयोग / COMMISSION OF RAILWAY SAFETY



दक्षिण मध्य परिमंडल, South Central Circle,
सरोजिनी देवी रोड, Sarojini Devi Road,
सिकंदराबाद Secunderabad - 500 071.

No.Q.15012/01/05-SCC/137

Dt: 15-05-2006.

To

The General Manager/Works,
South Central Railway,
Secunderabad.

Sub : Running of BG self-propelled Accident Relief Medical Van
(SPARMV) manufactured by ICF, Chennai, over BG system of
South Central Railway.

Ref : Your letter No. W.561/Self-Propelled/98/vol-II dt.21-10-05.

Sanction is hereby accorded for Running of Self-propelled Accident Relief Medical van (SPARMV) manufactured by ICF/Chennai over BG sections of S.C.Railway at maximum speeds specified in JSC No.E/477/BG or the sectional speed whichever is lower subject to a maximum speed of 105 Kmph. The sanction is subject to observance of all permanent and/or temporary speed restrictions in force or likely to be enforced from time to time and further subject to observance of all conditions stipulations in the JSC No. E/477/BG along with Track and Bridge Certificate and RDSO Speed certificate No. SD Self Propelled ART-11 dt.26.03.04.



R.P. Agrawal
(R.P.AGRAWAL)
Commissioner of Railway Safety

ई मेल/E-mail : crs@scr.railnet.gov.in

फोन/फैक्स
Phone/Fax

(बीएसएनएल BSNL)
(040) 27820104, (040) 27786980

रेलवे/Railway
86980, 86979

SOUTH CENTRAL RAILWAY

JOINT SAFETY CERTIFICATE NO. E/477/BG

OPERATION OF BG SELF PROPELLED ACCIDENT RELIEF MEDICAL VAN (SPARMV) MANUFACTURED BY INTEGRAL COACH FACTORY, CHENNAI, OVER BG SYSTEM OF SOUTH CENTRAL RAILWAY.

CERTIFIED THAT IT IS SAFE TO RUN BG SELF PROPELLED ACCIDENT RELIEF MEDICAL VAN (SPARMV) MANUFACTURED BY INTEGRAL COACH FACTORY, CHENNAI, AS PER THEIR GENERAL LAYOUT DRAWING No.8 ARTV.9-0-001 ALT.h FOR DRIVING POWER CAR AND ARMVAC.9-0-001 ALT. c FOR DRIVING TRAILING CAR (MEDICAL RELIEF VAN), WITH MAXIMUM AXLE LOAD OF $17.321 \pm 2\%$ AND AT A MAXIMUM SPEEDS AS INDICATED AGAINST EACH SECTION IN ANNEXURE-'A' ENCLOSED AGAINST THE MAXIMUM SPEED OF 105 KM/H AS CERTIFIED BY RDSO VIDE THEIR SPEED CERTIFICATE No. SO.SELF PROPELLED -ART-11, DATED 26-03-2004, (THIS SPEED CERTIFICATE SUPERSEDES THE EARLIER FINAL MAXIMUM SPEED CERTIFICATE OF EVEN No. DATED 29-07-1999) SUBJECT TO THE SPEED RESTRICTIONS AND CONDITIONS.

ENCLOSURE : ANNEXURE 'A'.

SPEED RESTRICTIONS :

1. ALL OTHER SPEEDS RESTRICTIONS AS PRINTED IN CURRENT WORKING TIME TABLE IN FORCE AND SUBSEQUENT RESTRICTIONS IMPOSED FROM TIME TO TIME SHALL BE STRICTLY FOLLOWED

CONDITIONS :

1. THE SPEED OF SPARMV WHILE RUNNING THROUGH THE STATION WILL BE DECIDED BY THE ZONAL RAILWAYS DEPENDING UPON THE TYPE OF TRACK RELAY USED, TYPE OF ROUTE RELEASE CIRCUIT ADOPTED, LENGTH OF FVT TRACK CIRCUIT PROVIDED AHEAD OF LAST STOP SIGNAL AND STANDARD OF INTERLOCKING EXISTING AT A STATION.
2. THE PROFILE OF SELF PROPELLED ACCIDENT RELIEF TRAIN (SPARMV) INFRINGES THE CLAUSE 31 OF CHAPTER IV (A) OF BG SCHEDULE OF DIMENSIONS 1929, REPRINT (1973). RAILWAY BOARD HAVE CONDONED THIS INFRINGEMENT VIDE THEIR LETTER No. 99/CEDD/SR/12 DATED 23-07-1999.
3. THIS SPEED CERTIFICATE SUPERSEDES THE EARLIER FINAL MAXIMUM SPEED CERTIFICATE OF EVEN No. DATED 29-07-1999
4. ALL OTHER CONDITIONS/STIPULATIONS LAID DOWN IN RDSO SPEED CERTIFICATE ISSUED VIDE LETTER No. SO.SELF PROPELLED -ART-11, DATED 26-03-2004, SHALL BE STRICTLY ADHERED TO.

(M.L. GUPTA)
19.5.05
(M.L. GUPTA)
CHIEF MECHANICAL
ENGINEER
SECUNDERABAD

(H.G. SHARMA)
H.G. SHARMA
CHIEF OPERATIONS
MANAGER
SECUNDERABAD

(R.K. GOYAL)
20/10/05
PRINCIPAL CHIEF ENGINEER
SECUNDERABAD

(S. DEESH KUMAR)
20/10/05
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD

(DEVINDER SINGH)
3-10-05
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

CRS/BOARD'S SANCTION No.

CASE FILE No. W/561/SELF PROPELLED/98/Vol.II

DATED

"THIS IS A COMPUTER GENERATED JOINT SAFETY CERTIFICATE. ANY MANUAL ALTERATION EXCEPT NAME OF THE INCUMBENT OFFICER BY WAY OF ERASING OR WRITING AND ADDITION/DELETION SHALL AUTOMATICALLY RENDER IT INVALID."

SOUTH CENTRAL RAILWAY
(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO.E/477/BG)
ANNEXURE 'A'

ANNEXURE SHOWING THE "SECTIONS AND SPEEDS" APPLICABLE FOR RUNNING OF BG SELF PROPELLED ACCIDENT RELIEF MEDICAL VAN MANUFACTURED BY INTEGRAL COACH FACTORY, CHENNAI, OVER BG SYSTEM OF SOUTH CENTRAL RAILWAY.

S.No	SECTION	MAXIMUM SPEED IN KM/PH
1.	VIJAYAWADA - DUVVADA (EXCL.) (UP & DN)	105
2.	WADI (EXCL.) - HYDERABAD - SECUNDERABAD - KAZIPET (UP & DN) (Inclusive Chord line at Hussain sagar Jn.)	105
3.	SECUNDERABAD-LALAGUDA (3 rd LINE)	50
4.	SAKATHNAGAR - MOULA ALI (BYE PASS) (SL)	50
5.	WADI (EXCL.) - RENIGUNTA (UP, DN & SL) (including BYE-PASS LINE at WADI Jn.)	105
6.	DHARMAVARAM - GOOTY (SL)	105
7.	GUDUR - RENIGUNTA - TIRUPATI (UP/DN/SL)	100
8.	KATPADI - TIRUPATHI (SL)	90
9.	SECUNDERABAD - FALAKHUMA (UP/DN/SL)	90
10.	FALAKHUMA - MAHABUBNAGAR (SL)	100
11.	MAHABUBNAGAR - DHONE (SL)	95
12.	TENALI - GUNTUR (SL)	100
13.	GUNTUR - NALLAPADU (UP)	100
14.	GUNTUR - NALLAPADU (DN)	90
15.	NALLAPADU-NADIKUDE (SL)	100
16.	NADIKUDE - MACHERLA (SL)	90
17.	NADIKUDE - MIRYALGUDA (SL)	100
18.	MIRYALGUDA - PAGIDIRAI (SL)	95
19.	NALLAPADU - DHONE - GUNTAKAL (SL)	100
20.	BELLARY (EXCL.) - GUNTAKAL (SL)	100
21.	MAHMAD (EXCL.) - AURANGABAD (SL)	95
22.	AURANGABAD - MUDKHED (SL)	100
23.	PARBHANI - PARLVAJUNATH (SL)	100
24.	VIKARABAD - PALIVAJUNATH (SL)	90
25.	GOOTY - PAGIDIRAI (SL)	75
26.	PAGIDIRAI - PENDEKALLU (SL)	90
27.	GUNTUR - KRISHNACANAL (SL)	90
28.	VIJAYAWADA - GUDIVADA (SL)	95
29.	GUDIVADA - BHIMAVARAM (SL)	90
30.	BHIMAVARAM - NIDAVOLU (SL)	95
31.	SAMALKOT JN. - YAKINADA PORT (SL)	95
32.	TENALI - REPALLE (SL)	75
33.	GUDIVADA - MACHILIPATNAM (SL)	75
34.	BHIMAVARAM - MARSAPUR (SL)	65
35.	BOLARUM - SECUNDERABAD (SL)	80
36.	DORNAKAL - BHADRACHALAM ROAD (SL)	75
37.	BHADRACHALAM ROAD - MANJOURU (SL)	50
38.	KAREPAULI - SINGARENI COLLIERIES (SL)	75
39.	PEDDAPALLI - KARIMNAGAR (SL)	75
40.	MANIKGARH - GADCHANDUR (SL)	50
41.	MOTUMARRI - JAGBAYYAPET TOWN (SL)	30
42.	ADILABAD - PIMPALKUTTY (SL)	50

[Signature]
19.11.05
(M.L. GUPTA)
CHIEF MECHANICAL ENGINEER
SECUNDERABAD

[Signature]
(H.G. SHARMA)
CHIEF OPERATIONS MANAGER
SECUNDERABAD

[Signature]
(R.K. GOYAL)
PRINCIPAL CHIEF ENGINEER
SECUNDERABAD

[Signature]
(SUDESH KUMAR)
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD

[Signature]
(DEVENDER SINGH)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

CRS/BOARD'S SANCTION No.

DATED

CASE FILE No. W/561/SELF PROPELLED/584/011

BZA - GDR
KAT - P.P.
DICE - P.H.R.

CRS SANCTION FOR BCNAHS WAGONS



भारत सरकार
GOVERNMENT OF INDIA

नगर विमानन मंत्रालय / MINISTRY OF CIVIL AVIATION
रेल संरक्षा आयोग / COMMISSION OF RAILWAY SAFETY



दक्षिण मध्य परिमंडल, South Central Circle,
सरोजिनी देवी रोड, Sarojini Devi Road,
सिकंदराबाद Secunderabad - 500 071.

No.Q.14011/01/10-SCC/275 Dated 27-7-2011

To
The General Manager (Works),
South Central Railway,
Secunderabad.

Sub :- Running of Broad Gauge Bogie covered Wagon type "BCNAHS" in loaded and empty conditions with axle load of 20.32t over BG sections of South Central Railway.

Ref :- Your letter No.W/469/BCNAHS/Vol.I dated 30-5-2011.

* * *

Sanction is hereby accorded for running of Broad Gauge Bogie covered Wagon type "BCNAHS" in loaded and empty conditions with axle load of 20.32t over BG sections of South Central Railway on various sections mentioned in South Central Railway's Joint Safety Certificate No.W/324/BG at the maximum speed mentioned therein or sectional speed whichever is less.

The sanction is subject to the following conditions/stipulations:

- Observance of all temporary and permanent speed restrictions in force and/or that may be imposed from time to time on account of Track, Bridges, Curves, Signalling and interlocking etc.
- Observance of all conditions laid down in S.C.Railway's Joint Safety Certificate No.W/324/BG and concomitant Track Certificate and Bridge Certificate.
- Observance of conditions stipulated in RDSO's Final Speed Certificate No.MW/BCNA dated 22/26-4-2004 and its amendment No.1 dated 19/25-10-2004.

ई मेल / E-mail : crs@scr.railnet.gov.in

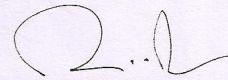
फोन / फैक्स

(बीएसएनएल BSNL)

Phone/Fax (040) 27820104, (040) 27786980, (040) 27786980

रेलवे / Railway
86279, 86980

It is noted that Railway Board has sanctioned running of above wagon on Northern Railway vide their letter No.2003/CEDO/SR/11 dated 18.11.2003 and condoned the infringements as per Revised Schedule of Dimensions 2004.



(D. K. SINGH)

Commissioner of Railway Safety

Copy to : The Chief Commissioner of Railway Safety, Lucknow for information.
Copy to : All Commissioners of Railway Safety.

223

SOUTH CENTRAL RAILWAY

JOINT SAFETY CERTIFICATE NO. W/324/BG

Running of **BG BOGIE COVERED WAGON TYPE 'BCNAHS'** at a maximum speed of 100kmph in loaded & empty condition on various BG sections of South Central Railway

It is certified that:

- 1) It is safe to run BG Bogie Covered wagon type 'BCNAHS' TO RDSO Drg No. WD-01011-S-5 1, Alt.3 and WD-92058-S-02, Alt-4 in loaded & empty conditions with a maximum axle load of 20.32t and as per RDSO final Speed Certificate No. MW/BCNA, dated 26-04-2004 with Amendment No.1 dt.19-10-2004 over the sections and speeds mentioned in **Annexure-A**, subject to speed restrictions and conditions.
- 2) For sections with proposed speed of 100Kmph, the EBD for loaded wagons is more than 1Km, but all these sections are provided with 2nd distant signal excluding Auto signaling sections in Hyderabad - Secunderabad - Lingampalli of Secunderabad division and Krishna canal junction-Vijayawada of BZA division. For other sections, the EBD for loaded wagons is less than 1km

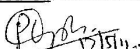
Speed Restriction:

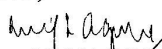
- 1) All speed restrictions printed in the current working time table in force and subsequent Restrictions imposed from time to time shall be strictly followed.
- 2) Location of 52kg 72 UTS/M+4 density, 52 kg -72 UTS (SH) and 90 R (SH) rails and the SR to be imposed on such locations are given in **Annexure-A**

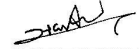
Conditions:

- 1) While running through a station, the speed of the train shall be restricted to the maximum permissible speed of the standard of interlocking provided at the station. If it is necessary to permit a higher speed, the point of route shall be clamped and pad-locked in addition to existing signaling arrangements
- 2) All other conditions/ stipulations laid down in RDSO'S Speed Certificate No. MW/BCNA dated 26-04-2004 and amendment No dated & 19-10-2004 shall be strictly adhered to

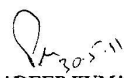
Enclosures: Annexure 'A' (4 sheets)


(P.C. GAJBHIYE)
Chief Mechanical
Engineer
Secunderabad


(S.K. AGARWAL)
Chief Operations
Manager
Secunderabad


(SATYENDER KUMAR)
Chief Signal & Telecom
Engineer
Secunderabad


(JAGDEV KALIA)
Chief Electrical Engineer
Secunderabad


(PRADEEP KUMAR)
Principal Chief Engineer
Secunderabad

(222)

SOUTH CENTRAL RAILWAY

Annexure 'A' Sh-1 of 4

(Enclosure to Joint Safety Certificate NO. W/324/BG)

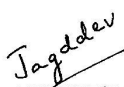
Annexure showing the Division-wise sections and speeds proposed for running BG Bogie Covered Wagon type 'BCNAHS'

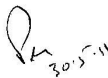
wagon type 'BCNARS'		Section	Maximum Speed in kmph	
S. No			Loaded	Empty
SECUNDERABAD Division				
1	Balharshah (Excl) – Vijayawada (UP & DN)(Including bye pass line at Kazipet Jn.)	100	100	
2	Wadi (Excl.) – Hyderabad – secunderabad (UP) (Incl. Chord line at Hussainsagar Jn.)	100	100	
3	secunderabad – Kazipet (UP & DN)	100	100	
4	Secunderabad – Lallaguda (3 rd Line)	50	50	
5	Wadi (Excl.) – Hyderabad – secunderabad (Incl. Chord line at Hussainsagar)Jn.)	75	100	
6	Vikarabad – Parivajinath (SL)	70	90	
7	Sanathnagar – Moula Ali (Bye Pass) (SL)	70	75	
8	Manikgarh – Gadchandur (SL)	70	75	
9	Karepalli – Singareni Collieries (SL)	70	75	
10	Motumari – Jaggayapet Town (SL)	70	75	
11	Domakal – Bhadrachalam Road (SL)	70	90	
12	Bhadrachalam Road – Manuguru (SL)	70	75	
13	Peddapalli – Karimnagar (SL)	70	75	
14	Karimnagar – Jagtital (SL)	70	75	
VIJAYAWADA Division				
1	Gudur – Vijayawada	100	100	
2	Vijayawada – Duvvada (Excl.) (UP & DN)	70	100	
3	Vijayawada – Gudivada (SL)	70	100	
4	Gudivada – Bhimavaram – Nidadavolu (SL)	70	75	
5	Samalkot – Kakinada Port (SL)	70	70	
6	Bhimavaram – Narsapur (SL)	70	75	
7	Gudivada- Machilipatnam (SL)	70	75	
8	Kakinada – Kotipalli (SL) from km. 0.00 to km 30.056	50	50	
9	Kakinada – Kotipalli (SL) from km. 30.056 to km 44.709	40	40	


(P.C. GAJBHIYE)
Chief Mechanical
Engineer
Secunderabad


(S.K. AGARWAL)
Chief Operations
Manager
Secunderabad


(SATYENDER KUMAR)
Chief Signal & Telecom
Engineer
Secunderabad


(JAGDEV KALIA)
Chief Electrical Engineer
Secunderabad


(PRADEEP KUMAR)
Principal Chief Engineer
Secunderabad

(22)

Annexure 'A' Sh-2 of 4

SOUTH CENTRAL RAILWAY
(Enclosure to Joint Safety Certificate No. W/324/BG)

Annexure showing the Division-wise sections and speeds proposed for running BG Bogie Covered Wagon type 'BCNAHS'

Covered Wagon type 'BCNAHS'		Maximum Speed in kmph	
S. No	Section	Loaded	Empty
GUNTAKAL Division			
1	Guntakal - Renigunta (UP, DN & SL)	70	100
2	Wadi (Excl.) - Guntakal (UP, DN & SL)	70	100
3	Dharmavaram - Gooty (SL)	70	100
4	Guntakal - Dhone - (SL)	70	100
5	Dhone- Nandyal (SL)	65	100
6	Bellary (Excl.) - Guntakal (UP & DN)	70	100
7	Gudur - Ranigunta - Tirupathi (UP & DN)	70	100
8	Gooty - Pendekallu (SL)	70	100
9	Katpadi (Excl.) - Tirupathi (SL)	70	90
10	Guntakal - Kalluru	70	70
11	Dharmavaram - Madanapalle Road (SL)	70	75
12	Madanapalle Road - Pakala (SL)	70	70
GUNTUR Division			
1	Tenali - Guntur (SL)	70	100
2	Guntur - Krishna Canal (UP, DN)	70	90
3	Nallapadu - Donakonda - Giddalur - Nandyal (SL)	70	100
4	Guntur - Nallapadu (UP)	70	100
5	Guntur - Nallapadu (DN)	60	60
6	Nallapadu - Nadikude (SL)	70	100
7	Nadikude - Machera (SL)	70	80
8	Tenali - Repalle (SL)	70	75
9	Pagidipalli - Nadikude (SL)	70	100
HYDERABAD Division			
1	Secunderabad - Falaknuma (UP/DN/SL)	65	80
2	Falaknuma - Mahabubnagar (SL)	65	100
3	Mahabubnagar - Dhone (SL)	70	100
4	Bolarum - Secunderabad (UP)	70	100
5	Bolarum - Secunderabad (DN)	70	90
6	Mudkhed - Bolarum (SL)	70	100
7	Chord Line bet.Sitafalmandi "A" Cabin on Secunderabad - Dhone section and Sitafalmandi "B" Cabin on Secunderabad - Mudkhed section	20	20
8	Malkajgiri - Moula Ali Chord Line (SL)	20	30
9	Jankampet - Bodhan (SL)	30	30

P.C. Gajbhiye
(P.C. GAJBHIYE)
Chief Mechanical
Engineer
Secunderabad

S.K. Agarwal
(S.K. AGARWAL)
Chief Operations
Manager
Secunderabad

Satyender Kumar
(SATYENDER KUMAR)
Chief Signal & Telecom
Engineer
Secunderabad

Jagdev Kalia
(JAGDEV KALIA)
Chief Electrical Engineer
Secunderabad

Pradeep Kumar
(PRADEEP KUMAR)
Principal Chief Engineer
Secunderabad

CRS SANCTION FOR BRNAHS WAGONS



भारत सरकार
GOVERNMENT OF INDIA
नगर विमानन मंत्रालय / MINISTRY OF CIVIL AVIATION
रेल संरक्षा आयोग / COMMISSION OF RAILWAY SAFETY



दक्षिण मध्य परेडेल, South Central Circle,
सरोजिनी देवी रोड, Sarojini Daul Road,
सिकंदराबाद, Secunderabad - 500 071.

No. Q14011/1/2007-SCC/120

To
The General Manager (Works),
South Central Railway,
Secunderabad.

Dated 5.5.10

Sub: Running of DG Bogie Rail Wagon type "BRNAHS" over BG sections of S.C.Rly.
Ref: Your letter No. W.469/BRNAHS/2004 dated 29.2.2008 and letter even No dated 29.4.2010.

With reference to your above letters, sanction is hereby communicated for running of DG Bogie Rail Wagon type "BRNAHS" for rare movement with Accident Relief Train formation over various DG sections of South Central Railway at speed indicated in Annexure 'A' of Joint Safety Certificate No.C/304/BG or the sectional speed whichever is lower subject to various conditions laid down in RDSO's Speed Certificate No MW/DRNA dt 26.04.2004 and all concomitant Bridge and Track certificates.

2. Sanction is subject to the following conditions/stipulations

- (i) Observance of all permanent and temporary speed restrictions in force and those that may be imposed from time to time due to track, bridge, curves, signaling and interlocking etc.
- (ii) The maximum permissible speed on 2° curves shall be 90 Km/h subject to the provisions contained in para 2.1.1.5 of RDSO speed certificate No MW/DRNA dt 26.4.2004.

Copy to :-

प्रमुख मुद्रा संचालित कर कार्यालय
दक्षिण मध्य रेलवे, सिकंदराबाद

The Chief Commissioner of Railway Safety, Lucknow for information.
All Commissioners of Railway Safety for information

(D.K. SINGH)
Commissioner of Railway Safety

138

**SOUTH CENTRAL RAILWAY
JOINT SAFETY CERTIFICATE NO. W/304/BG**

RUNNING OF BG BOGIE RAIL WAGON TYPE "BRNAHS" ON BG ROUTES OF SOUTH CENTRAL RAILWAY.

CERTIFIED THAT IT IS SAFE TO RUN BG BOGIE RAIL WAGON TYPE "BRNAHS" DESIGNED BY RDSO, INCORPORATES FITMENT OF CASNUB-22 HS BOGIE, NON TRANSITION C&G COUPLER AND SINGLE PIPE AIR BRAKES, THE LEADING PARTICULARS OF THE WAGON IS AS PER RDSO DRAWING NO.WD-92004-S-02 ALT.4) WITH MAXIMUM AXLE LOAD OF 22.32 TONNES, AT MAXIMUM SPEED OF 100 KMPH IN BOTH EMPTY AND LOADED CONDITIONS ON THE SECTIONS WHERE CONDITIONS LAID DOWN IN CLAUSE 2.1.1.1, 2.1.1.2, 2.1.2.1 & 2.1.2.2 ARE FULFILLED. ON OTHER SECTIONS WHERE THE STIPULATED CONDITIONS ARE NOT MET WITH THE WAGON SHALL BE PERMITTED TO RUN AT A MAXIMUM SPEED OF 80 KMPH IN EMPTY CONDITION AND 75 KMPH IN LOADED CONDITION AS CERTIFIED BY RDSO VLE SPEED CERTIFICATE NO.MW/BRNA DATED 26.01.2004. OVER THE FOLLOWING ROUTES AT SPEEDS WHICH IN ANNEXURE 'A' AGAINST EACH ON BG SECTIONS OF SOUTH CENTRAL

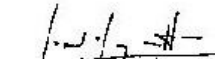
SPEED RESTRICTIONS

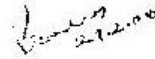
AS PRINTED IN CURRENT WORKING TIME TABLE IN FORCE AND SUBSEQUENT RESTRICTIONS IMPOSED FROM TIME TO TIME SHALL BE STRICTLY FOLLOWED.

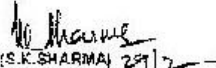
CONDITIONS

1. ALL OTHER CONDITIONS / STIPULATIONS LAID DOWN IN THE RDSO'S SPEED CERTIFICATE No. MW/BRNA DATED 26.01.2004, SHALL BE STRICTLY ADHERED TO.
2. THE WAGONS SHOULD BE PROVIDED WITH SPRINGS AND WITH AAR APPROVED GREASE.


(A.K. NIGAM)
CHIEF MECHANICAL
ENGINEER
SECUNDERABAD


(J.N. JAGANNATH)
CHIEF OPERATIONS
MANAGER
SECUNDERABAD


(PRADEEP KUMAR)
PRINCIPAL CHIEF ENGINEER
SECUNDERABAD


(S.K. SHARMA) 29/12
CHIEF ELECTRICAL ENGINEER
SECUNDERABAD


(ANAND KUMAR)
CHIEF SIGNAL & TELECOM ENGINEER
SECUNDERABAD

OR BOARD'S SANCTION NO.

DATED

CASE FILE NO. W/462/BG/BRNAHS/2004

137

ANNEXURE 'A'

SOUTH CENTRAL RAILWAY

(ENCLOSURE TO JOINT SAFETY CERTIFICATE NO. W/304/BC)

SECTIONWISE RUNNING OF TRAINS AND SPEEDS APPLICABLE FOR RUNNING OF BG BOGIE RAIL WAGON TYPE
TRAINS ON BG ROUTES OF SOUTH CENTRAL RAILWAY.

S.No	SECTION	MAXIMUM SPEED IN KM/H LOADED	EMPTY
1.	BALHARSHAH (EXCL.) - VIJAYAWADA (UP & DN) (INCL. BYE PASS LINE AT KAZIPET JN)	100	100
2.	GUNTUR - VIJAYAWADA (UP & DN)	100	100
3.	WADI (EXCL.) - HYDERABAD - SECUNDERABAD - KACI PET (UP & DN)	100	100
4.	(INCL. CHORD LINE AT HUSSAINSADAR PH)		
5.	SECUNDERABAD - LALLAGUDA (3 rd LIND)	50	50
6.	WADI (EXCL.) - RENGUNTA (UP, DN & S.)	100	100
7.	DARMAVARAM - GOOTY (SL)	100	100
8.	VIJAYAWADA - DUVADA (EXCL.) (UP & DN)	100	100
9.	TENALI - GUNTUR (SL)	100	100
10.	GUNTUR - NALLA PADU (UP)	80	80
11.	GUNTUR - NALLA PADU (DN)	100	100
12.	NALLA PADU - NOKUDE (SL)	80	80
13.	NOKUDE - MACHERLA (SL)	100	100
14.	MIRYALAGUDA - NOKUDE (SL)	100	100
15.	NALLA PADU - DONAKONDA (SL)	100	100
16.	DONAKONDA - GONDALUR (SL)	100	100
17.	GONDALUR - NANDYAL (SL)	100	100
18.	NANDYAL - DHONE (SL)	100	100
19.	DHONE - GUNTAKAL (SL)	100	100
20.	BELLARY (EXCL.) - GUNTAKAL (UP & DN)	100	100
21.	GUNTUR - RENGUNTA - TIRUPATI (UP & DN)	100	100
22.	FALAKNUMA (EXCL.) - MAHABUBNAGAR (SL)	100	100
23.	ALURANGABAD - MUDKHED (SL)	100	100
24.	PARLI VAIJANATH - PARBHANI (SL)	100	100
25.	GOOTY - PENDERKALLU (SL)	80	80
26.	KACI PET (EXCL.) - TIRUPATHI (SL)	80	80
27.	MUDKHED - BCLARUM (SL)	80	80
28.	MUDKHED - KINMAT (SL)	75	75
29.	KINMAT - ADRABAD (SL)	80	80
30.	VIKARABAD - PARLI VAIJANATH (SL)	75	75
31.	SANATHNAGAR - MULLA ALI (BYE PASS) (SL)	80	80
32.	SECUNDERABAD - FALAKNUMA (UP DN & SL)	75	75
33.	GUNTUR - KRISHNA CANAL (SL)	75	75
34.	VIJAYAWADA - GUDIVADA (SL)	75	75
35.	GUDIVADA - BHIMAVARAM (SL)	75	75
36.	BHIMAVARAM - NIDAVOLU (SL)	75	75
37.	SANAKOT - KAKINADA PORT (SL)	75	75
38.	MANNAD (EXCL.) - AURANGABAD (SL) FROM KM 75 TO KM 113.50	75	75
39.	MANNAD (EXCL.) - AURANGABAD (SL) FROM KM 113.50 TO KM 119.50	75	75
40.	PAGIDIPALLI - MIRYALAGUDA (SL)	75	75
41.	MAHABUBNAGAR - DHONE (SL)	75	75
42.	PENDERKALLU - KARIMNAGAR (SL)	75	75
43.	KARNATA - KOTIPALLI (SL) FROM KM 0.00 TO KM 30.00	50	50
44.	KARNATA - KOTIPALLI (SL) FROM KM 30.00 TO KM 44.700	40	40
45.	BOJAJURU - SECUNDERABAD (UP & DN)	80	80
46.	CHORD LINE BET. SITAFALMANDI 'A' CASH ON SECUNDERABAD - DHONE SECTION AND SITAFALMANDI 'B' CASH ON SECUNDERABAD - MUDKHED SECTION	20	30
47.	KAREPALLI - SINGAREM COLLIERIES (SL)	75	75
48.	TENALI - REPALLE (SL)	75	75
49.	SITMAVARAM - NARSAPUR (SL)	50	50
50.	ADILABAD - PIMPALPUTTY (EXCL.) (SL)	75	75
51.	MANIKGALLI - SACHANDUR (SL)	75	75
52.	MOTIMARR - JAGGAYAPET TOWN (SL)	75	75
53.	DORNAKAL - BHADRACHALAM ROAD (SL)	75	75
54.	BHADRACHALAM ROAD - MADUGURU (SL)	50	50
55.	GUDIVADA - MACHILIPATNAM (SL)	75	75
56.	JANKAMPET - BOCHERU (SL)	30	30

(A.K. NIGAM)
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FOR SIGNATURE & SANCTION

DATED