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SPECIFICATION FOR SET OF CASING WAG-9 (CO'CO), ELECTRIC LOCOMOTIVES

SPECIFICATION No. CLW/ES/3/0134 ALT-NIL ISSUE DATE:30.05.1997

ENCLOUSERS:

1. DRG. NOS. CLW/ES/3/SK-1/0134 ALT. L

ISSUED BY:

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SSE/DRG&DGN (M)		SSE/DRG		DY, CEE	/D/CONV



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ALTERATION RECORD SHEET

ATE	REASON	AUTHORITY
TO CORRECT	THE MATERIAL	Dy.CEEID-III
	TO CORRECT	TO CORRECT THE MATERIAL SPECIFICATION

Specification have been digitized and all alterations have been incorporated.

PREPARED BY		CHECKED BY		APPROVED BY	
ASHISH KUMAR	Digitally signed by ASHISH KUMAR Date: 2023.01.31 17:24:00 +05'30'	MANOJ KUMAR PAUL	Digitally signed by MANOJ KUMAR PAUL Date: 2023.01.31 18:07:07 +05'30'		Digitally signed by SYAMA PRASAD PATRA Date: 2023.02.01 10:43:03 +05'30'
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SPECIFICATION FOR SET OF CASING

1. SCOPE:

This specification covers the manufacture and supply of SET OF CASING for WAG-9 (Co-Co), 6000 HP, 3-Phase, 25KV 50 Hz.AC locomotives.

2. SERVICE CONDITION:-

2.1

Maximum atmospheric temperature

: +70°C (in sun) & +50°C (in shade)

Normal humidity

: 60%

Maximum humidity

: 100% saturation during rainy season.

Altitude

: 160 m.a.s.l.

Rain fall

: Very heavy in certain areas. The equipment

Should be designed in such a way as to

Withstand its running at 10 km/hr in flood water level

of 102mm above rail level.

Atmosphere during hot weather

: Extremely dusty and desert terrain in certain

areas.

Coastal areas

: Locomotive and equipment will be designed to work in coastal area in humid and salty laden

atmosphere.

Vibration

: The equipment sub-system and their mounting arrangement will be designed to withstand vibration and shock encountered in service as specified in correspondence unless otherwise

prescribed.

3. STANDARD:

IS 6911

The relevant IEC, BS, DIN 17457 and Standard & Indian standard specification shall apply with respect to all materials used in the manufacture of SET OF CASING.

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4. SCOPE OF SUPPLY:

Fig.	Description	Indent. No.	Qty./ Loco	Matl
1.	CASING	3EHP431128P0001	2	STAINLESS STEEL SHEET 6 X CrNiTi 18 10
1.	-DO-	3EHP431128P0002	2	COLD ROLLED AS PER DIN 17457

IS 6911: 2017 GRADE-XOYCY 18 NI 1071

5. SUBMISSION OF TENDER QUOTATION:

- 5.1 All tender documents including the quotation shall be submitted in duplicate including any correspondence till a contact is finalised.
- 5.2 The tenderer shall give sufficient information to prove that his factory has adequate facilities and capacity to manufacture the SET OF CASING to meet fully the technical requirements of the specification and quality of materials and workmanship.
- 5.3 Quotation shall not be considered complete unless all information is furnished and are therefore liable to be rejected.
- 5.4 Detailed drawings of the SET OF CASING should be submitted for approval of purchaser.

6. DRAWINGS:

The following drawings are attached with specification: Drg. No.: 1. CLW/ES/3/SK-1/0134 ALT-1

6.1 Technical documents and drawings to be furnished by the supplier as part of the contract.

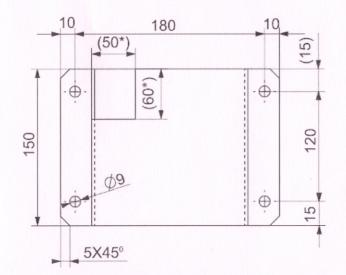
7. TEST:

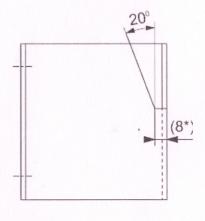
Type test and routine test shall be carried out according to the standard.

8. TECHNICAL DOCUMENTS TO BE SUPPLIED BY THE SUPPLIER:

(i) Type test reports : 10 copies
 (ii) Routine test report along with each set : 4 copies
 (iii) Maintenance manual : 20 copies
 (iv) Detailed drawings : 6 copies

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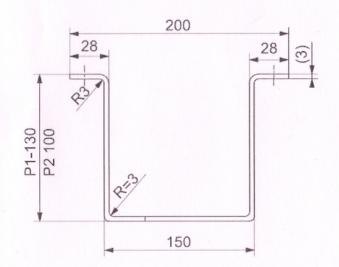




(*)CUT OUT ONLY IN POS. 1 OF ABB REF, IDENT,NO. 3EHP431128P0001

COLD ROLLED STAINLESS STEEL SHEET 6xCrNiTi88/10 AS PER DIN17457

AS PER IS 6911; 2017 GRADE - XO4C+18N110T;



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