

Government of India
Ministry of Railways
Research, Designs & Standards Organisation
Manak Nagar, Lucknow - 226 011

Note No. EL/2.2.25

2-04-1997

SPECIAL MAINTENANCE INSTRUCTIONS NO. RDSO/ELRS/SMI/175-A
HOLE TO HOLE DIMENSIONS FOR MAIN WEARING STRIP OF AM-12
TYPE PANTOGRAPHS

(This supersedes SMI No.175)

1. Object

Railways have reported problem in fitment of AM-12 type Pantographs Main Wearing strip on to the pan base during replacement. This is mainly because of cumulative effect of tolerances on hole to hole dimensions as indicated in RDSO'S Drg.No. SK. EL.-3418.

- 1.1** To overcome this problem, this SMI indicates the position of each hole centres from one reference point as indicated in RDSO,S Drawing No. SK. EL.-4329 (ALT.1)

2. INSTRUCTIONS

- 2.1** During fabrication/drilling of fixing holes, the dimensions should be measured from one reference point as indicate in RDSO,S drawing No. SK. EL.-4329 (ALT.1). This drawing supersedes RDSO drawing No. SK. EL. - 3418 and 4329.

3. INSTRUCTION DRAWING

RDSO'S drawing No. SK. EL. - 4329 (ALT.1).

4. APPLICATION

All electric locomotives and EMUs fitted with AM-12 type pantographs.

5. AGENCYFOR IMPLEMENTATION

All Electric loco Sheds, EMU Car Sheds and POH Shop.

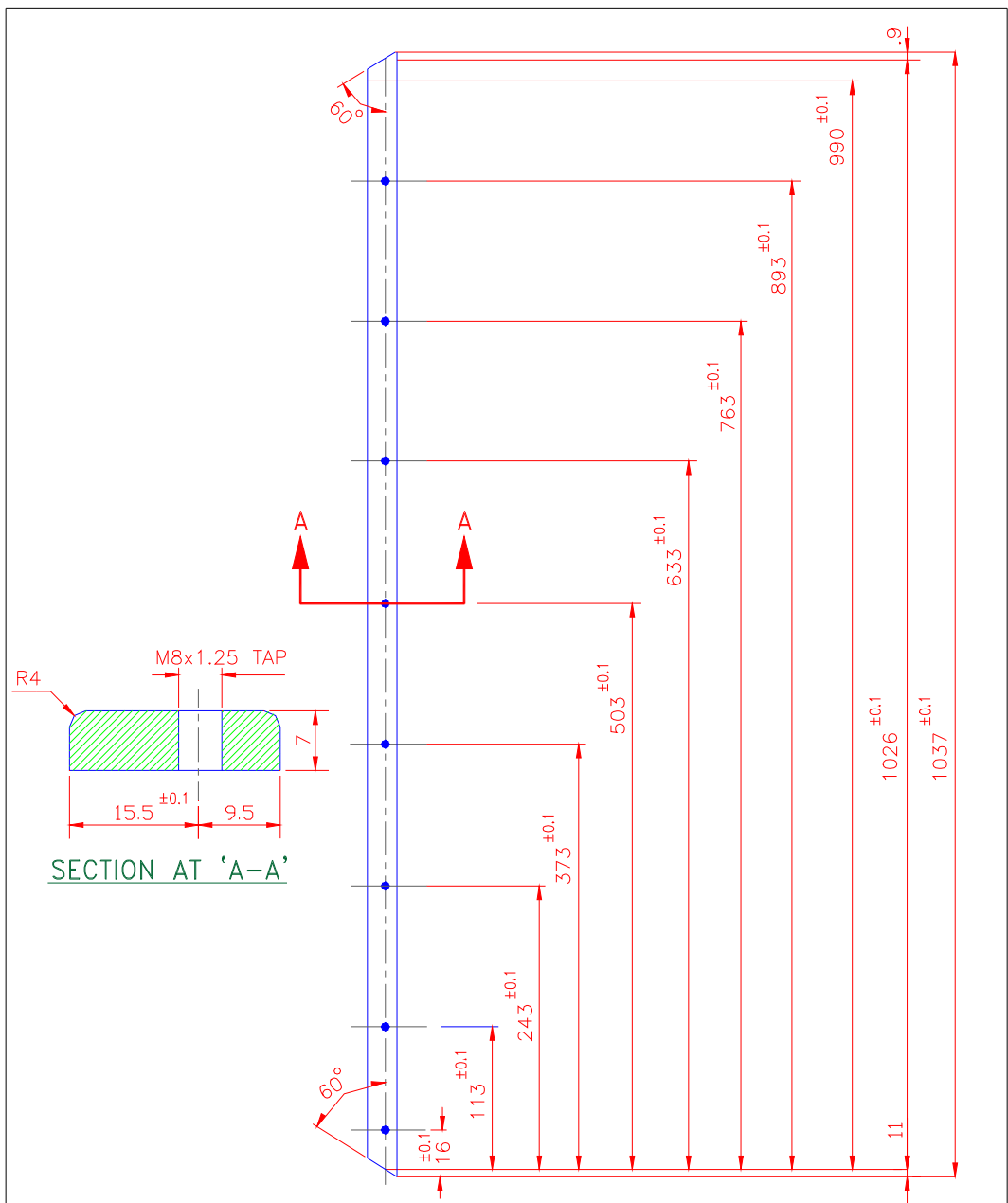
6. DISTRIBUTION

As per enclosed list.

Encl SK. EL.-4329 (Alt.1)



(ARUN SRIVASTAVA)
FOR DIRECTOR GENERAL (ELEC)



NOTE:-
ALL DIMENSIONS ARE IN MM.

1	18.11.96	DIMENSIONS CORRECTED TOLERANCE ADDED
ALT.No.	DATE	PARTICULARS OF ALT.

REF:-	SCALE:- NTS.	APPROVED BY:- <i>[Signature]</i>
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FIXING DIMENSIONS OF PANTOGRAPH MAIN WEARING STRIP	
RDSO. ELEC. DTE.	SKEL - 4329 (ALT-1)

Dt.	19.1.95
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