






TDC :RTG:509/00  
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ALUMINIUM PLATES &  
CHANNELS OF COMMERCIAL  
QUALITY

## ALUMINIUM

DEPARTMENT	NAME	SIGNATURE
EDC/APH	G R VENKATARAMAN	
PURCHASE	CYRIL FERNANDEZ	
MATERIAL PLANNING	A UMASHANKAR	
QUALITY CONTROL	R VARADANARAYANAN	
QUALITY ASSURANCE	V JAYARAMAN	

SM/QUALITY ASSURANCE

11

QUALITY ASSURANCE  
BAP; BHEL; MANIPET.  
MASTER COPY

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BHARAT HEAVY ELECTRICALS LIMITED  
QUALITY ASSURANCE & CONTROL  
RANIPET 632 406

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REVISION OF RECORDS  
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REVISION 00

TDC:RTA:509 IS REVISIED  
& NUMBER CHANGED

15 11 95  
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1.0 SCOPE:

1.1 THIS TDC IS APPLICABLE FOR ALUMINIUM PLATES & CHANNELS FOR APPLICATIONS ON APH.

2.0 DELIVERY CONDITIONS:

2.1 THE MATERIAL OF THE PLATES AND CHANNELS SHALL BE ALUMINIUM WHICH SHALL BE GUARANTEED BY THE SUPPLIER.

2.2 THE ALUMINIUM PLATES & CHANNELS ARE MEANT FOR THE FOLLOWING APPLICATIONS:

- a) SEALING RING(PLATES 6mm & 12mm)
- b) BLADE SEAL SETTER/STRAIGHT EDGE (CHANNELS)

2.3 THE DIMENSIONS OF THE PLATES & CHANNELS SHALL BE AS PER PURCHASE ORDER OR GIVEN AS ANNEXURE TO THE PURCHASE ORDER.

2.4 THE DIMENSIONAL TOLERANCES FOR THE PLATES & CHANNELS SHALL BE AS FOLLOWS:

a) TOLERANCE

1) LENGTH

LENGTHS  $\leq$  2.5 METERS SHALL BE  $\pm$  5 MM  
LENGTHS  $>$  2.5 METERS SHALL BE  $\pm$  8 MM

2) WIDTHS

WIDTHS  $\leq$  1 METRE SHALL BE  $\pm$  4 MM  
WIDTHS  $>$  1 METER SHALL BE  $\pm$  6 MM

3) THICKNESS

THICKNESS  $\leq$  10 MM TOLERANCE SHALL BE  $\pm$  0.3 MM  
THICKNESS  $>$  10 MM TOLERANCE SHALL BE  $\pm$  0.5 MM

2.5 CHANNELS

UNLESS OTHERWISE SPECIFIED IN THE DRAWING WHICH SHALL BE ANNEXED TO THE PURCHASE ORDER,

TOLERANCE ON THE SECTION DEPTH = +1 MM -0 MM

TOLERANCE ON THE FLANGE WIDTH = +1 MM -0 MM

TOLERANCE ON LENGTH

LENGTH  $\leq$  2.5 METERS = 5 MM

LENGTH  $>$  2.5 METERS BUT  $<$  10 METERS = 8 MM

LENGTH  $>$  10 METERS = 10 MM