



VALVES ENGINEERING AND R&D
TECHNICAL SPECIFICATION FOR SUBDELIVERY
COMPONENTS OF SOOT BLOWERS

TSB:060

Rev. 02

SHEET NO. 1 of 1

TUBE FITTINGS

- 1.1 Components : (i) Connector
: (ii) 2" Pipe Tee
: (iii) Elbow P 1/4"

- 1.2 Material Code : (i) 963534050000
(ii) 963534060000
(iii) 963534070000

- 1.3 Application :

The fittings are used in the cooling air line of furnace temperature probe with air cooling.

- 2.0 Specifications :

- 2.1 Connector :
The construction and dimensions should be as per Drg. 4-20-952-01579. One end of the connect should have 2" NPT (Male) thread and the other end, female thread P 1/4" (PL). The material should be ASTM 193 B7 or equivalent.

- 2.2 2" pipe Tee :
The construction and dimensions should be as per Drg. 4-20-952-01578. The Tee fitting should conform to IS:1239 Part 2-1969 (Tables 7&8) and the Pipe threads should be in accordance with IS:554-1964. for parallel threads.

- 2.3 Elbow P 1/4" :
The construction and dimensions should be as per Drg. 4-20-952-01580. The elbow should conform to IS:1239 Part 2 (Tables 7&8) and the Pipe threads should be in accordance with IS:554.

- 3.0 Inspection :
Inspection shall be done in BHEL and it shall include checking of dimensions, threads and any damages.

- 4.0 Quantity as per P.O.. However for reference quantity per furnace temperature probe :
(i) Connector : 1No.
(ii) 2" pipe Tee : 1No.
(iii) Elbow p1/4" : 1No.

- 5.0 Approximate Weight (per piece)
(i). Connector : 0.75 Kg
(ii). 2" pipe Tee : 0.50Kg
(iii). Elbow P 1/4" : 0.50Kg

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Prepared By(J SANKAR)	Approved By (GURPREET SINGH)