

SPECIFICATION OF FILTER BAG FOR BAG HOUSE OF DRYING PLANT

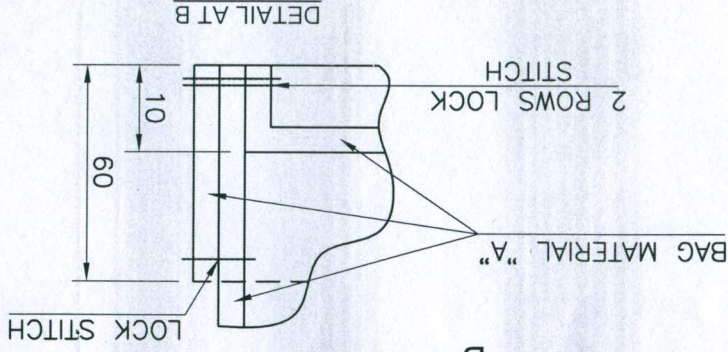
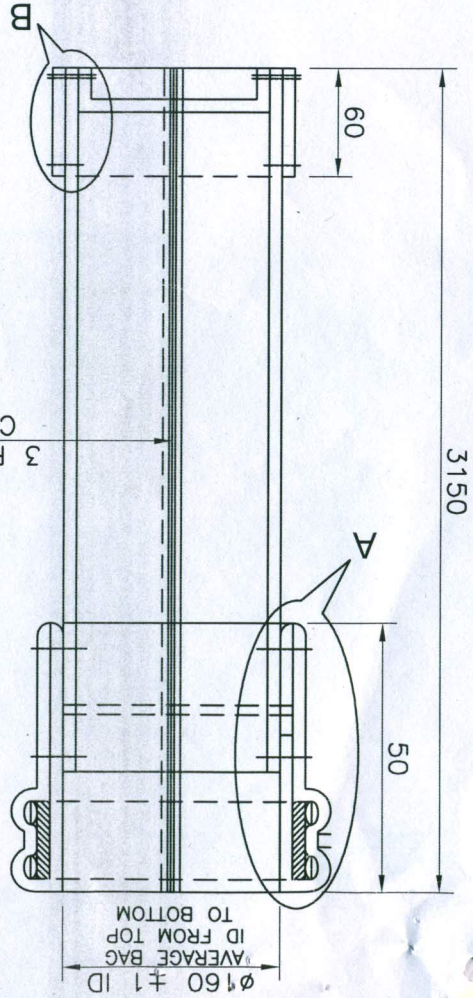
Readymade NOMEX filter bags along with SS - 304 cage and snap band for leak proof installations of the bag in tube sheet opening. The thickness of tube sheet is 6 mm and a circular opening of 167 mm had been provided in the tube sheet for fixing the filter bag assembly (along with cage and snap band). The snap band installation shall be capable of leak proof performance even during high pressure air jet cleaning cycle. The bag shall be stitched with 3nos. of NOMEX thread and its bottom shall be closed with fabric disc & top kept open.

Length of bag	-	3150 mm
Thickness of cloth	-	2 mm
Filter cloth material	-	100% imported NOMEX media singed & Calendared with anti adhesive water & dust repellent finish.
Weight of fabric	-	not less than 500 gm/sq.meter. (To be mentioned in offer)
Average size of dust	-	0.3 to 5 micron
Average pore size of fabric	-	To be offered by party
Continuous service temperature	-	120 °C (Surge temp.: 150°C)
Tensile strength Warp & weft	-	not less than 100 Kg/ 5 cm & 120 Kg// 5 cm resp.
Hot air capacity	-	4200 m3/hr @ 120 °C
Pressure drop during operation	-	Minimum 20mm of water column and max. 125mm of water column after which it is to be de-dusted during operation. However party must mention ΔP of the clean bags in the offer.

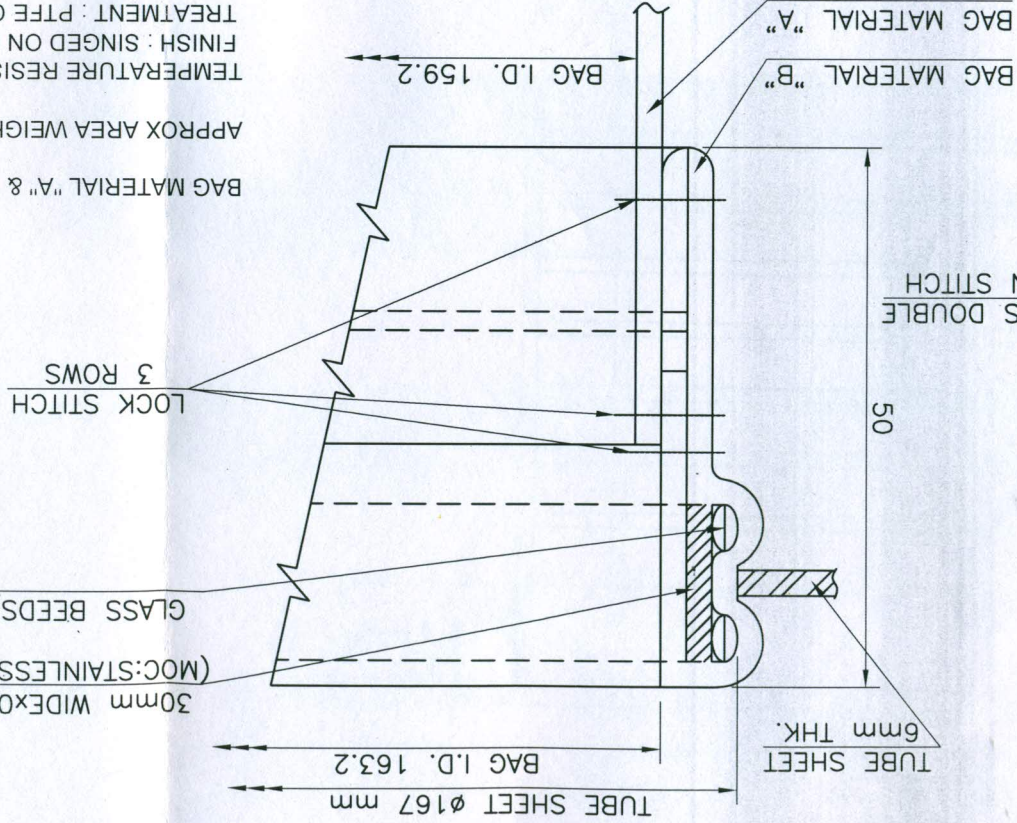
Cages : Cages shall be manufactured in such a way that it gets inserted easily into the bag (No. of wire: , Dia.: mm)

Party must submit detail drawing with dimension of snap band cage, weight of each cage & a sample of filter fabric (1sq ft) along with offer for evaluation. Party must give packing details in the offer so that the material can be received in good condition and avoid any damage in transit. Party has to ensure their supervision at the time of installation of the bags at free of cost. One piece of cage & snap band and filter bag will have to be supplied in advance in case of placement of order for approval before bulk supply. Offer without sample shall be rejected outrightly.

Party must give the price bifurcation of cages and bags separately.



DETAIL AT A



TUBE SHEET $\phi 167$ mm
 BAG I.D. 163.2
 30mm WIDE \times 0.3mm THK. SNAP BAND
 (MOC: STAINLESS STEEL/SPRING STEEL)
 GLASS BEEDS/SUITABLE MATERIAL
 BAG MATERIAL "A" & "B": NOMEX FABRIC
 APPROX AREA WEIGHT : 550 GM/SQ.M.
 TEMPERATURE RESISTANCE CONTINUOUS 120°C
 FINISH : SINGED ON COLLECTION SURFACE, CALENDARED
 TREATMENT : PTFE COATED ON BOTH COLLECTION AND
 INSIDE SURFACE



URANIUM CORPORATION OF INDIA LTD. TURAMDIH MINES
 (A GOVT. OF INDIA ENTERPRISE, DEPT. OF ATOMIC ENERGY)

DRN. Rajesh 25.11.17 TITLE

CHECKED SK Barman

APPROVED

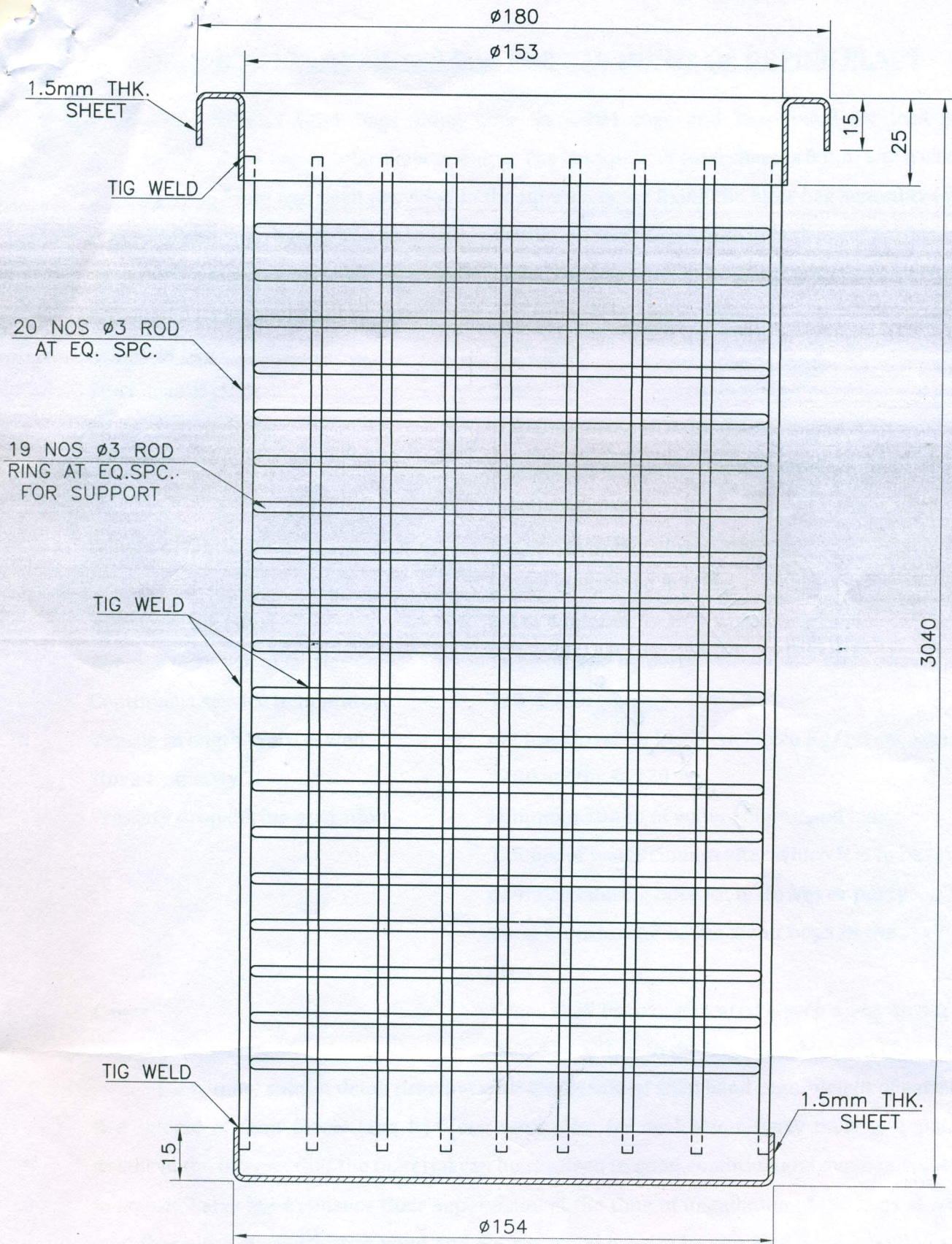
SCALE - NTS

DIMENSIONS IN MM

DRG.NO.-UCT-2/CHEM/B.FILTER/112A

REV.-0

NOMEX BAG FOR SPRAY DRIER



MATERIAL :- SS 304



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DRN.	Rajesh	13.09.13	TITLE
CHECKED	SK Barman		
APPROVED			
SCALE			
DIMENSIONS IN MM			

CAGE FOR BAG FILTER OF
DRYING PLANT

DRG.NO.-UCT-2/CHEM/B.FILTER/131

REV.- 0