



**NOTE:-**

1. MAKE OF PIPE SHALL BE BANSAL/TATA/NEZONE QUALITY STAINLESS PVT LTD. ONLY. IMPORTED PIPES ARE NOT ACCEPTABLE.
2. THE ROLLER SHOULD BE INTEGRAL. ANY JOINT IN BETWEEN COMPLETE LENGTH IS NOT ACCEPTABLE.
3. STAGE INSPECTION MATERIAL WILL BE INSPECTED BY OUR REPRESENTATIVE AT YOUR WORKS AS BELOW :-  
 (i) PHYSICAL INSPECTION OF MATERIAL & COLLECTION OF RANDOM SAMPLE BEFORE START OF FABRICATION.  
 (ii) DURING FABRICATION & FITTING OF ROLLER END ASSEMBLY.
4. FINAL INSPECTION OF MATERIAL SHALL BE CARRIED OUT AT OUR SITE AFTER RECEIPT OF MATERIAL.
5. PARTY SHALL SUBMIT MATERIAL TEST CERTIFICATE FROM MANUFACTURER FOR SHAFT HOWEVER MOC ANALYSIS REPORT OF UCIL LABORATORY SHALL BE BINDING ON YOU.
6. SPARK TESTING TO BE CARRIED OUT AFTER RUBBER LINING.

**PROPERTIES OF NATURAL RUBBER**

RUBBER LINING - 2 mm HARD RUBBER (1<sup>st</sup>)  
 RUBBER LINING - 2x2 mm SOFT RUBBER (2<sup>nd</sup> & 3<sup>rd</sup>)  
 HARDNESS - 60 ±5°, SHORE "D" (FOR HARD RUBBER)  
 HARDNESS - 50 ±5°, SHORE "A" (FOR SOFT RUBBER)  
 TENSILE STRENGTH - 180 Kg/M<sup>2</sup>  
 ASH CONTENT - 10% (MAX.)

\* WELDING TO BE DONE WITH SS 316 ELECTRODE

MATERIAL :- 1) M.S. PIPE - 1 NO.  
 2) M.S. PLATE - 4 NOS.  
 2) S.S. 316L SHAFT - 2 NOS.

*Handwritten signature*



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

DRN.	Rajesh	23.12.15
CHECKED		NK Nayak
APPROVED		
SCALE		
DIMENSIONS IN MM		

TITLE  
**BELT RETURN ROLLER FOR HBF  
 (ACIDIC / NEUTRAL)**

DRG.NO.- UCT-2/MECH/HBF/221

REV

REV	DATE	REV. BY	DESCRIPTION