



NOTES:

1. MATERIAL: SEAMLESS TUBE OR CRS 1010
2. FINISHED PART TO BE FREE OF SHARP EDGES AND BURRS.
INSIDE OF TUBE TO BE FREE OF DIRT AND FOREIGN MATTER
3. ASSEMBLE HYDRAULIC FITTINGS PRIOR TO FLARING.
FLARE ONE END ONLY.
PART SHOWN IN PRE-FLARED STATE

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	CPS	4/30/13	
B	RELEASE FOR PRODUCTION	CPS	5/10/13	

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES:			
DECIMALS:	FINISH:	ANGLES:	
X: ±1.0 X: ±0.5 XX: ±0.25	6.3 $\mu\text{m Ra}$	≤ ± 0.5°	
COPYRIGHT ©			
NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY			
DRAWN	CPS	DATE: 4/30/13	
CHECKED		THIRD ANGLE PROJ	

**National Renewable
Energy Laboratory**

TITLE:
TUBE, GEARBOX DRAIN, Ø 1.50

SIZE B	DWG. NO. 95448	REV B
------------------	--------------------------	-----------------

SCALE: 1:3 WEIGHT: 0.80 kgs SHEET 1 OF 1