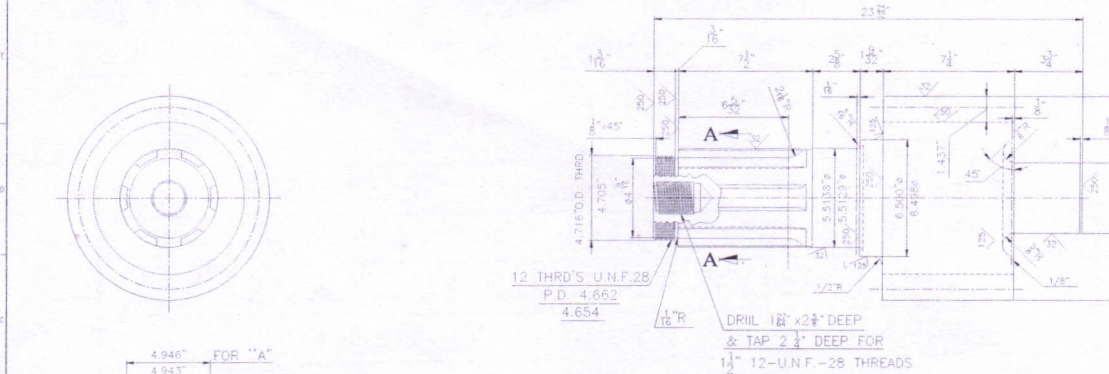
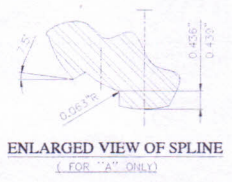
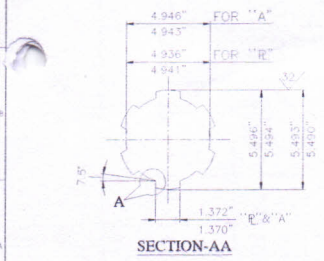


GEAR DATA	ENG ST	SPUR	20° COMPOSITE	HOD	
701.03					
NUMBER OF TEETH	-----15	STANDARD PITCH DIAM	10.00		
PRESSURE ANGLE	-----20°	NORMAL PRESSURE ANGLE			
HELIX ANGLE	-----	HAND OF HELIX			
ADDENDUM	0.667	WHOLE DEPTH	1.438		
DIAM PITCH	1 1/2"	CP	NORMAL DP		
CIRC THICKNESS ON STD PITCH CIRCLE	1.037				
BASE CIRCLE DIAM	9.397	AGMA CLASS	8		
MATING GEAR PART NO	748C5	NO. OF TEETH	75		
BACK LASH ASSEMBLED MAX.	0.022	ON CENTRE DIST. MAX.			
BACK LASH ASSEMBLED MIN	0.018	ON CENTRE DIST. MIN.	30.000		
SPAN MEAS OVER	-----3	TEETH MAX	5.051	MIN	5.049
PIN MEAS LARGEST POSSIBLE DIA	MAX	-----	MIN	-----	
PIN MEAS TO GEAR CENTRE	MAX	-----	MIN	-----	
FOR REFERENCE ONLY	CHORDAL THICKNESS				
CORRECTED ADD	0.694		1.035		



TRACED FROM DRG. NO. - 682 CF 56 & 57. REV-0



INTERMEDIATE HOIST PINION & SHAFT
 MATERIAL SPECIFICATION: AISI-4150
 OR IS-1570-30 CR1/EN19
 (HARDENED & TEMPERED TO 280-300 BHN)

फेरो स्क्रैप निगम लिमिटेड (भारत सरकार का उपक्रम) मिलवाडी, छा.ग. 490001, भारत		FERRO SCRAP NIGAM LIMITED (A GOVT. OF INDIA UNDER TAKING) BHILAI, (C. G.) 490001, INDIA
SCALE: 1	LOCATION: - MARION POWER SHOVEL	
DRAWN: *****	TRACED: O.P. SINGH 05/10/09	INTERMEDIATE HOIST PINION & SHAFT (SPUR)
CHECKED: L.S. PATEL 29/11/13	APPROVED: S.P. MAJHI 08/05/15	

P. NO.	ZONE	REVISIONS	DATE	APPRO

DRG. NO. 682 CF 56 & 57

SHEET	REV.
1 OF 1	1

Handwritten signature and date: 18/12/23

भारत सरकार
 सहायक प्रबंधक (अनु) निगम/अस. निग. (मैनिंग) फ. त.
 भारत सरकार/भारत निगम लिमिटेड