

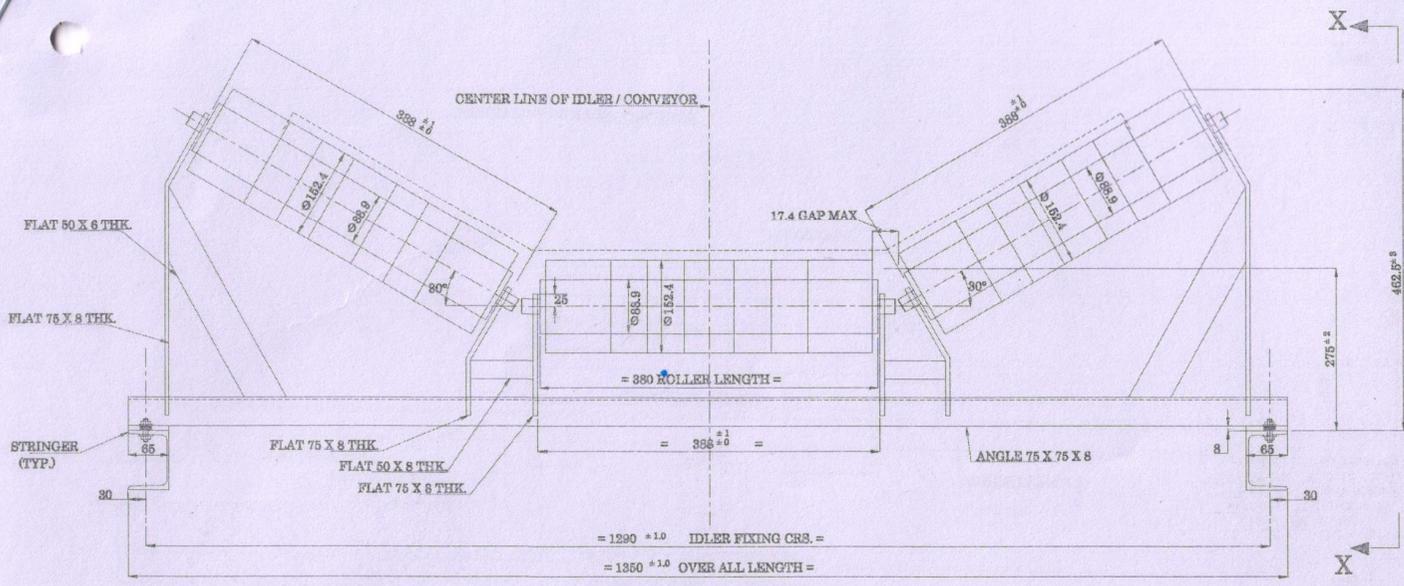
SUPPLY OF IMPACT IDLERS FOR 1000MM BELT CONVEYOR

PR No

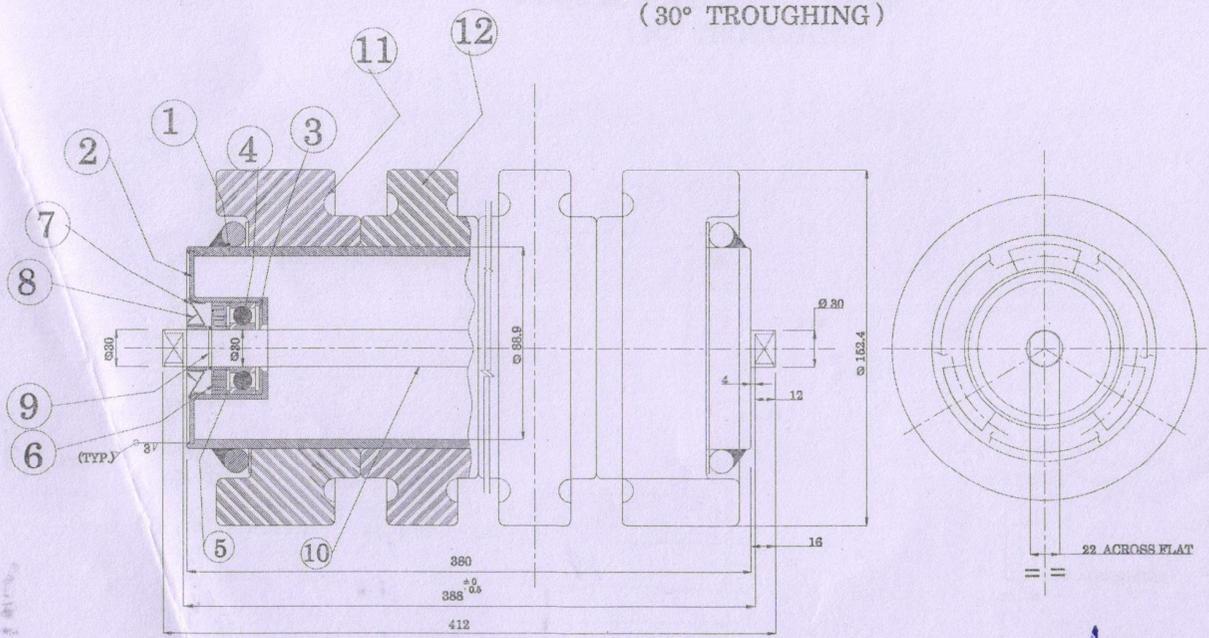
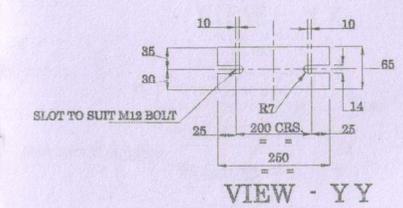
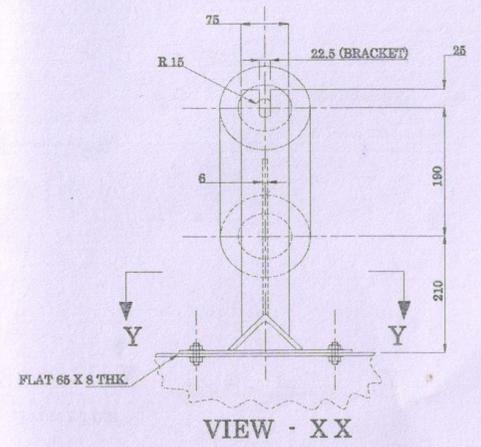
Dt:

SL. NO.	MAT. CODE	DESCRIPTION	BELT CONVEYOR WIDTH	DRAWING Number	Unit code	Stock in hand	Consumption rate	Item cat.	Qty. Reqd. (No's)
01	3.019.003.006	30° IMPACT IDLER 152.4φ O.D TUBE WITH 88.9 φ O.D RUBBER ROLL AND 30φ BEARING	1000mm	UCIL/TMPL/MECH/CS/GA/117 SHEET 7 OF 27	01				60

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Rajy E



**3 EQUAL ROLL IMPACT IDLER
(30° TROUGHING)**



ROLL DETAIL

- NOTES :-**
- ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED
 - BEARING LIFE, 40,000 HRS. MINIMUM
 - SEALING - LITHIUM BASED GREASE PACKED & SEALED FOR LIFE
 - IDLER WILL BE DUST PROOF, WATER PROOF, & WEATHER PROOF
 - DIMENSIONS AS PER IS : 8098
 - IDLERS ARE DROP IN TYPE & ROLLS CAN BE REMOVED WITHOUT DISMANTLING THE BRACKETS FROM THE CONVEYOR STRUCTURE
 - ALL ROLLS ARE INTERCHANGEABLE FOR THE SAME BELT WIDTH
 - IDLER FRAME MATERIAL - IS : 2062 GR FE 410 WA
 - HOUSING AT BOTH ENDS SHALL BE WELDED SIMULTANEOUSLY BY DOUBLE HEADED AUTOMATIC WELDING MACHINE
 - THE BARREL SHALL BE MACHINED AT BOTH ENDS IN SINGLE SETTING
 - TESTING & INSPECTION WILL BE AS PER APPROVED QAP
 - IDLERS ARE PROVIDED WITH DOUBLE LABYRINTH SEALING
 - ALL FILLET WELDS ARE 6 MM LEG SIZE
 - PAINTING : CLAUSE NO. 9.04 & 9.05 OF PAINTING SPECIFICATION
 - SURFACE PREPARATION, PAINTING AND SURFACE PROTECTION
 - A) THE SURFACE SHALL BE PREPARED BY WIRE BRUSHING
 - 14.2. TYPE OF PAINT:
 - FOR ROLLER END CAP & BRACKET
 - A) PRIMARY - 2 COATS X 30 DFT IN MICRONS PER COAT X RED - OXIDE ZINC CHROMATE
 - B) FINISH - 2 COATS X 30 DFT IN MICRONS PER COAT X SYNTHETIC ENAMEL
 - C) TOTAL DFT = 120 MICRONS
 - 14.3. FINISH PAINT SHADE TO BE INTIMATED LATTER ON.
 - 15. THIS DRAWING CONJUNCTION OF 5C TO 19C AS PER IDLER SCHEDULE (DOC. NO. 2 - M009 - MD - 1 - 003, SHT. 1 OF 2)
 - 16. THIS DRAWING CONJUNCTION OF 1J AS PER IDLER TUBE SPECIFICATION (DOC. NO. 2 - M009 - MD - 1 - 003, SHT. 2 OF 3 & 3 OF 2)

ITEM NO.	DESCRIPTION OF IDLER	NO. REQD. PER ROLL	MATERIAL SPECIFICATION
1	ROLL	1	302.8 x 458 TIRKONM, NEW PPR IS : 8206 - 1998 GRADN - TYP - 210
2	BEARING HOUSING (DEEP DRAWN)	2	CRCA SHEET
3	INNER SEAL	2	NYLON - 6
4	SETZE RESISTANT BEARING dn = 302 (BRG. MODEL NO. : 420206 / EQIV.)	2	FAG / SKF / TIMKEN
6	INNER LABYRINTH SEAL	2	NYLON - 6
6	OUTER LABYRINTH SEAL	2	NYLON - 6
7	DUST COVER	2	CRCA SHEET
8	RAIN CAP	2	NYLON - 6
9	CIRCLIP (25 X 1.2N IS : 3075, PART - 1)	2	SPRING STEEL
10	SHAFT (S : 1570)	1	ENS / C - 40
11	CHAPER BUSHES DISK (I.D = 388.9 & O.D = 612.4)	7	NATURAL BUSHES SHORE HARDNESS 80-85 "A"
12	SIDE BUSHES DISK (I.D = 388.9 & O.D = 612.4)	2	NATURAL BUSHES SHORE HARDNESS 80-85 "A"

URANIUM CORPORATION OF INDIA LIMITED
A GOVT. OF INDIA ENTERPRISE
TUMMALAPALLE PROJECT

DRAWN BY: M.RAMANJANEYULU ASSEMBLY OF 30° IMPACT IDLER
152.40 O.D. TUBE WITH 88.90 O.D. RUBBER ROLL AND 300 BEARING FOR 1000MM BELT CONVEYOR

CHECKED BY:

APPROVED BY:

DATE: 22.11.2012 **REV NO. 00** UCIL / TMLP / MECH / CS / GA / 117
SHEET NO. 7 OF 27

ALL DIMENSIONS ARE IN MM

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