



Project No.: 14282		<b>MATERIAL REQUISITION</b>	
Req. No.: 1425/1			
Rev. No.: 0			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
Final	<input checked="" type="radio"/>	Date & Rev.: 1393/09/10 - 4	ERP : 139959
			SRD : 16-Apr-2022
			PAGE 1 OF 5


# MATERIAL REQUISITION FOR BEARING

0	07-Mar-2022	ISSUE FOR PROCUREMENT	H.Abbasi	M.Jahanshahi	P.Karimizadeh
Rev.	Date	Description	Prepared	Checked	Approved

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### TABULATION OF REVISED PAGE

Page	Revisions							Remarks	Page	Revisions							Remarks
	0	1	2	3	4	5	6			0	1	2	3	4	5	6	
1	X								35								
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### 1- PURPOSE

The purpose of this document is to define vendor's scope of supply for **Upper & Lower Bearing** of air coolers.

### 2- DEFINITION

For the purpose of this material requisition, the following definitions shall apply:

Contractor: ABAN AIR COOLER (AAC)

Vendor: (to be defined)

### 3- LIST OF EQUIPMENT INQUIRED


ITEM NO.	TAG NUMBER	QTY.	DESCRIPTION	LOCATION
1	E-405-001 A-F	48	Air Cooler	

### 4- APPLICABLE CODES & STANDARD

Not Applicable.

### 5- REQUIRED DOCUMENTAION

Not Applicable.

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#### 6- SCOPE OF WORK , SUPPLY & SERVICES

POS	DESCRIPTION	MATERIAL	QTY.	REMARKS
1	Upper & Lower Bearing E-405-001 A-F	--	48 Set	--

#### 7- SPARE PARTS

Not Applicable

#### 8- DEVIATIONS/EXCEPTION/ALTERNATION FROM MATERIAL REQUISITION'S REQUIREMENTS

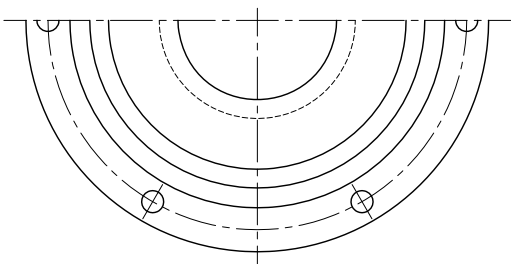
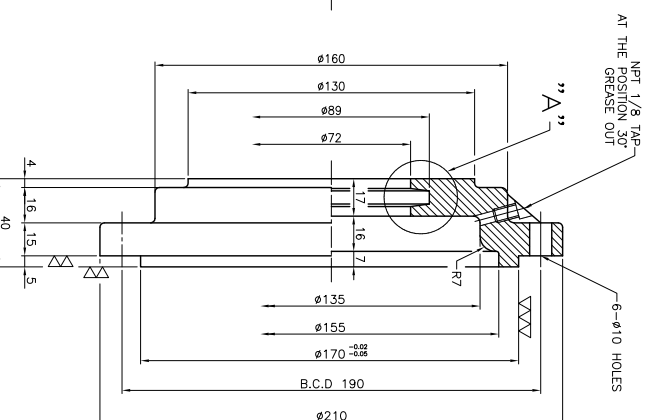
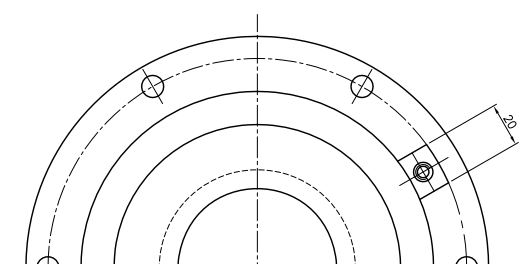
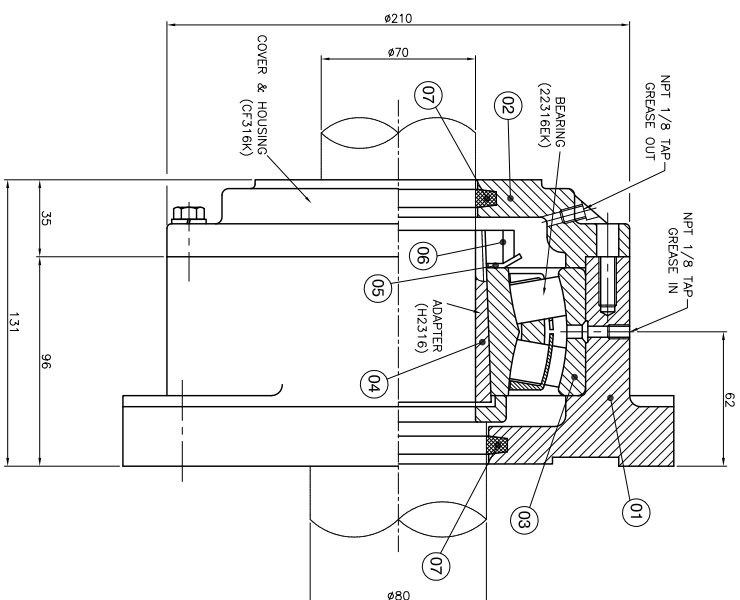
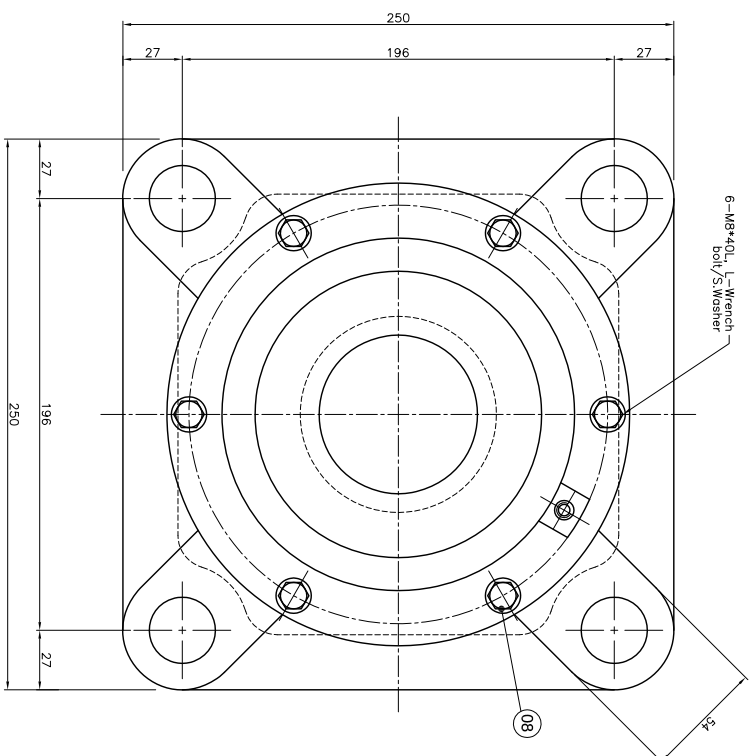
If any, shall be mentioned by vendor.

#### 9- TECHNICAL NOTES

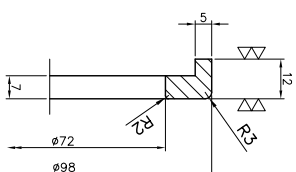
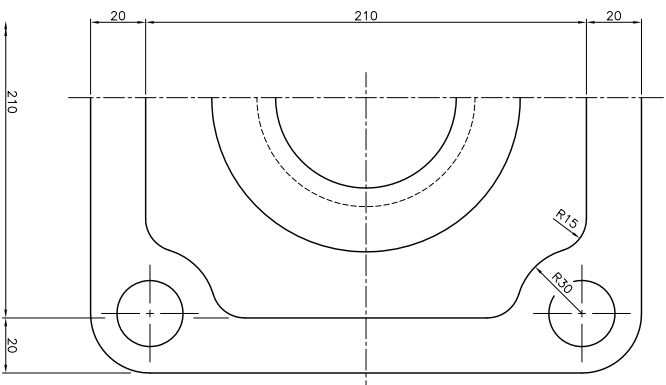
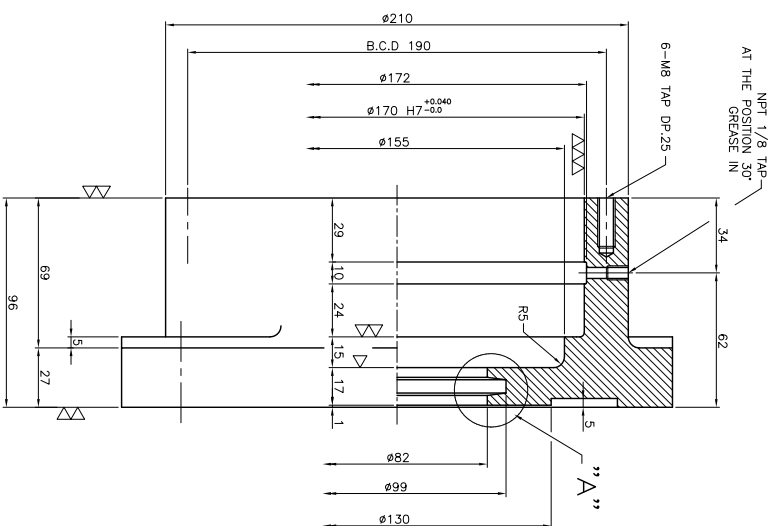
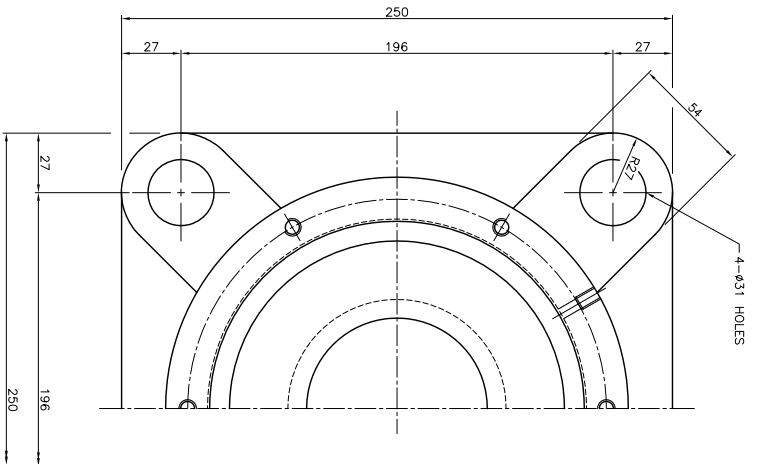
Not Applicable

#### 10- ATTACHMENTS

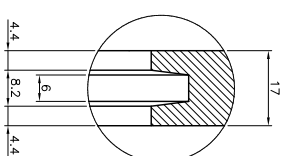
Please, Find Attached



LOWER BEARING ASS'Y  
(#22316EK + H2316)



COLLOR(RING) DETAIL



DETAIL "A"

# AS BUILT

MARKING TABLE	
ITEM NO.	QTY.
E-405-001 A	8
E-405-001 B	8
E-405-001 C	8
E-405-001 D	8
E-405-001 E	8
E-405-001 F	8

MATERIALS & PARTS LIST FOR ONE UNIT.				
NO.	DESCRIPTION	MATERIAL	QTY.	TOTAL WEIGHT (APPROX.) Kgs.
1	Housing	Gray Cast Iron GC20 or Eq.	1	20
2	Cap	Gray Cast Iron GC20 or Eq.	1	6
3	Double row spherical roller Bearing 22316 EK	High Carbon chromium steel	1	6.6
4	Adapter Sleeve H2316	Steel	1	1.2
5	Lock Washer MB16	Steel	1	-
6	Lock Nut KM16	Steel	1	0.5
7	Fat	----	2	-
8	Bolt M8x50	Gr.8.8	6	-
TOTAL WEIGHT (APPROX.) KG.				35

OWNER/DOC	REV.	DATE	STATUS	DESCRIPTION	PREP'D	CHECK'D	APP'D
	02	05.dec.17	B5	AS BUILT	H.Aboussi	M.mahmehh	S.sathnigigi
	01	27.sep.16	F1	ISSUED FOR APPROVAL	H.Aboussi	M.mahmehh	S.sathnigigi
	00	28.mar.16	F1	ISSUED FOR APPROVAL	H.Aboussi	M.mahmehh	S.sathnigigi

**Perslan Gulf Bld Boland Gas Treating Project**



## FACTORS:

OWNER PROJECT No.: 38687901	CONTRACTOR PROJECT No.: 7942
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**DRAWING TITLE:**

## UPPER & LOWER BEARING



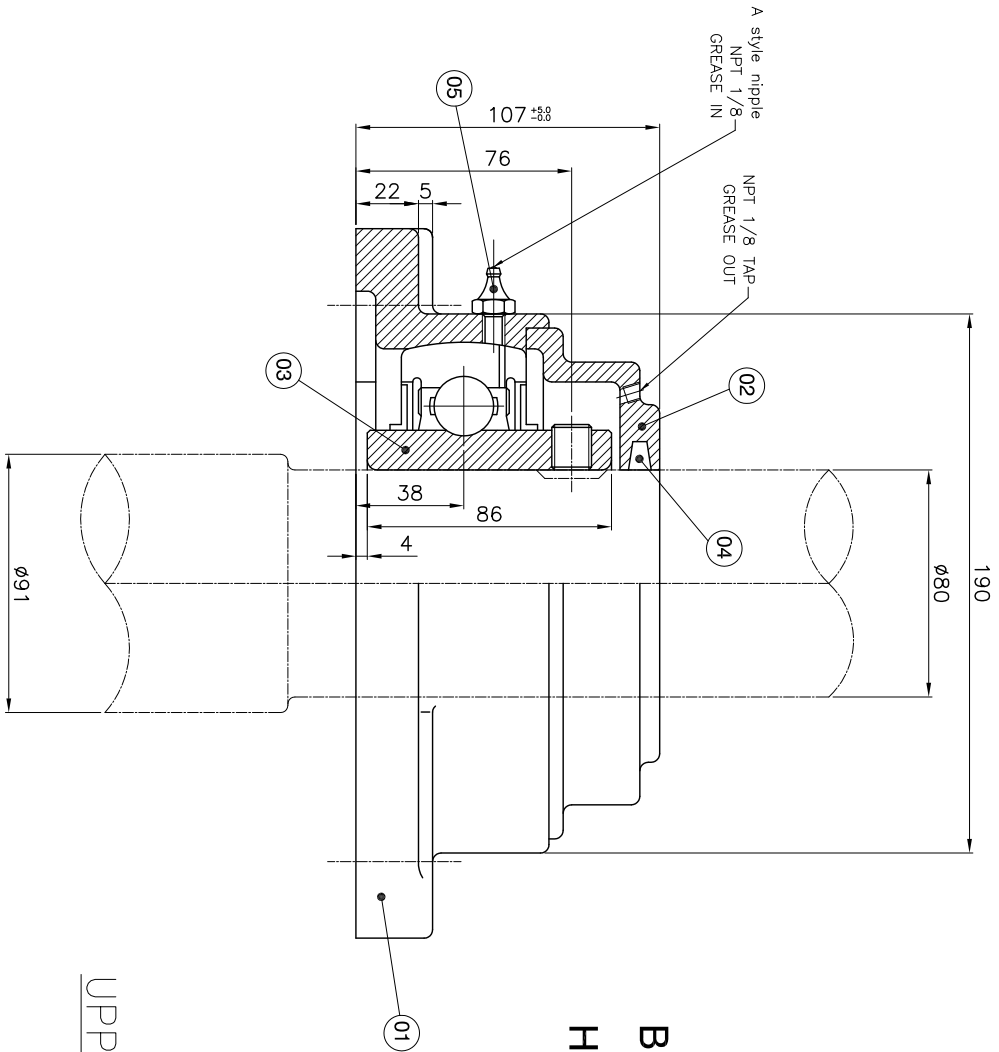
1  
 2  
 3  
 4  
 5  
 6

VENDOR DWG. No.:

38687901-006-PO-EX-2015-VP-0012

OWNER DWG. No.:	STEEL NO.	DESIGNATION
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REFERENCE DRAWING	
DESCRIPTION	DWG. NO.
Fan & Motor Support Drawing	38687901-006-PO-EX-2015-VDP-0009
Drive Shaft Drawing	38687901-006-PO-EX-2015-VDP-0015



BEARING NO. = UC 316  
HOUSING NO. = F 316

UPPER BEARING ASSEMBLY  
UCF 316

NOTE:



1-THE BEARINGS HOUSING SHOULD BE FILL BY  
LITHIUM BASE GREASE.  
( SHELL ALVANIA G2 OR EQ. )  
QTY.48

MATERIALS & PARTS LIST FOR ONE UNIT.				
NO.	DESCRIPTION	MATERIAL	QTY.	TOTAL WEIGHT (APPROX.)kg.
1	Housing F316	Gray Cast Iron GC20 or Eq.	1	10
2	Cap	Gray Cast Iron GC20 or Eq.	1	7
3	Bearing UC316 with set screw	High Carbon chromium steel	1	3
4	Felt	---	1	-
5	Grease Nipple 1/8" NPT	S.S.304	1	-
TOTAL WEIGHT (APPROX.)kg.			1	20

MARKING TABLE	
ITEM NO.	QTY.
E-405-001 A	8
E-405-001 B	8
E-405-001 C	8
E-405-001 D	8
E-405-001 E	8
E-405-001 F	8

AS BUILT

REFERENCE DRAWING	
DESCRIPTION	DWG. NO.
Shaft Housing Detail Drawing	38687901-006-PO-EX-2015-VPD-0014
Drive Shaft Drawing	38687901-006-PO-EX-2015-VPD-0015

02 05 Dec. 17	B5	AS BUILT	H. Abbas	Moderation Sheet
01 27 Sep. 16	F1	ISSUED FOR APPROVAL	H. Abbas	Moderation Sheet
00 28 Aug. 16	F1	ISSUED FOR APPROVAL	H. Abbas	Moderation Sheet
REV.	DATE	STATUS	DESCRIPTION	
PREP'D		CHECK'D	APP'D	
Persian Gulf Bid Robot Gas Treating Project				
CONTRACTORS:				
<div><div><div>SAZEH CONSULTANTS Engineers &amp; Commissioning</div></div><div><div>Jahanparts</div></div></div>				
OWNER PROJECT No.:		CONTRACTOR PROJECT No.:		
38687901		7942		
DRAWING TITLE:				
UPPER & LOWER BEARING				
E-405-001 A-F				
Project No.:17161				
SCALE: N.T.S				
VENDOR DWG. No.:		REV.:		
38687901-006-PO-EX-2015-VPD-0012		02		
OWNER DWG. No.:		SHEET No.		SIZE
38687901-006-PO-EX-2015-VPD-0012		2/2		A3
				DESIGNATION