



Project No.: 17176		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1210/1			
Rev. No.: 00			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
Final	<input checked="" type="radio"/>	Date & Rev.: 1394/11/16 - 1	ERP : 123758
			SRD : 2021.jan.30
			PAGE 1 OF 5

MATERIAL REQUISITION FOR LOUVER

0	07-Nov-2020	ISSUE FOR ROCUREMENT	M.Maghsad	M. Rostami	P.Karimzadeh
Rev.	Date	Description	Prepared	Checked	Approved

Project No.: 17176		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1210/1			
Rev. No.: 00			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 123758
Final	<input checked="" type="radio"/>	Date & Rev.: 1394/11/16 - 1	SRD : 2021.jan.30
			PAGE 2 OF 5

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								
2	x								36								
3	x								37								
4	x								38								
5	x								39								
6									40								
7									41								
8									42								
9									43								
10									44								
11									45								
12									46								
13									47								
14									48								
15									49								
16									50								
17									51								
18									52								
19									53								
20									54								
21									55								
22									56								
23									57								
24									58								
25									59								
26									60								
27									61								
28									62								
29									63								
30									64								
31									65								
32									66								
33									67								
34									68								



Project No.: 17176		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1210/1			
Rev. No.: 00			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 123758
Final	<input checked="" type="radio"/>	Date & Rev.: 1394/11/16 - 1	SRD : 2021.jan.30
			PAGE 3 OF 5

TABLE OF CONTENTS

CONTENT	PAGE
1-PURPOSE	4
2-DEFINITION	4
3-LIST OF EQUIPMENT INQUIRED	4
4-APPLICABLE CODES & STANDARD	4
5-REQUIRED DOCUMENTATION	4
6-SCOPE OF WORK, SUPPLY & SERVICE	4
7-SPARE PARTS	5
8-DEVIATIONS/EXCEPTION/ALTERNATION FROM MATERIAL REQUISITION'S REQUIREMENTS	5
9-TECHNICAL NOTES	5
10-ATTACHMENTS	5

Project No.: 17176		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1210/1			
Rev. No.: 00			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 123758
Final	<input checked="" type="radio"/>	Date & Rev.: 1394/11/16 - 1	SRD : 2021.jan.30
			PAGE 4 OF 5

1- PURPOSE

The purpose of this document is to define vendor's scope of supply of **Louver** for air cooler in this requisition.

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	5614	1	Air Cooler	Abadan

4- APPLICABLE CODES & STANDARD


N/A

5- REQUIRED DOCUMENTATION

N/A

6- SCOPE OF WORK , SUPPLY & SERVICE

POS	DESCRIPTION	MATERIAL	QTY.	UNIT WEIGHT (Kg)	TOTAL WEIGHT (Kg)	REMARK
1	LOUVER DRAWING	--	16	927	14832	-

Project No.: 17176		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1210/1			
Rev. No.: 00			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
Final	<input checked="" type="radio"/>	Date & Rev.: 1394/11/16 - 1	ERP : 123758
			SRD : 2021.jan.30
			PAGE 5 OF 5

7- SPARE PARTS

N/A

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

If any, shall be mentioned by vendor .

9- TECHNICAL NOTES

N/A.

10- ATTACHMENTS

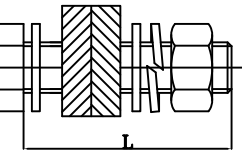
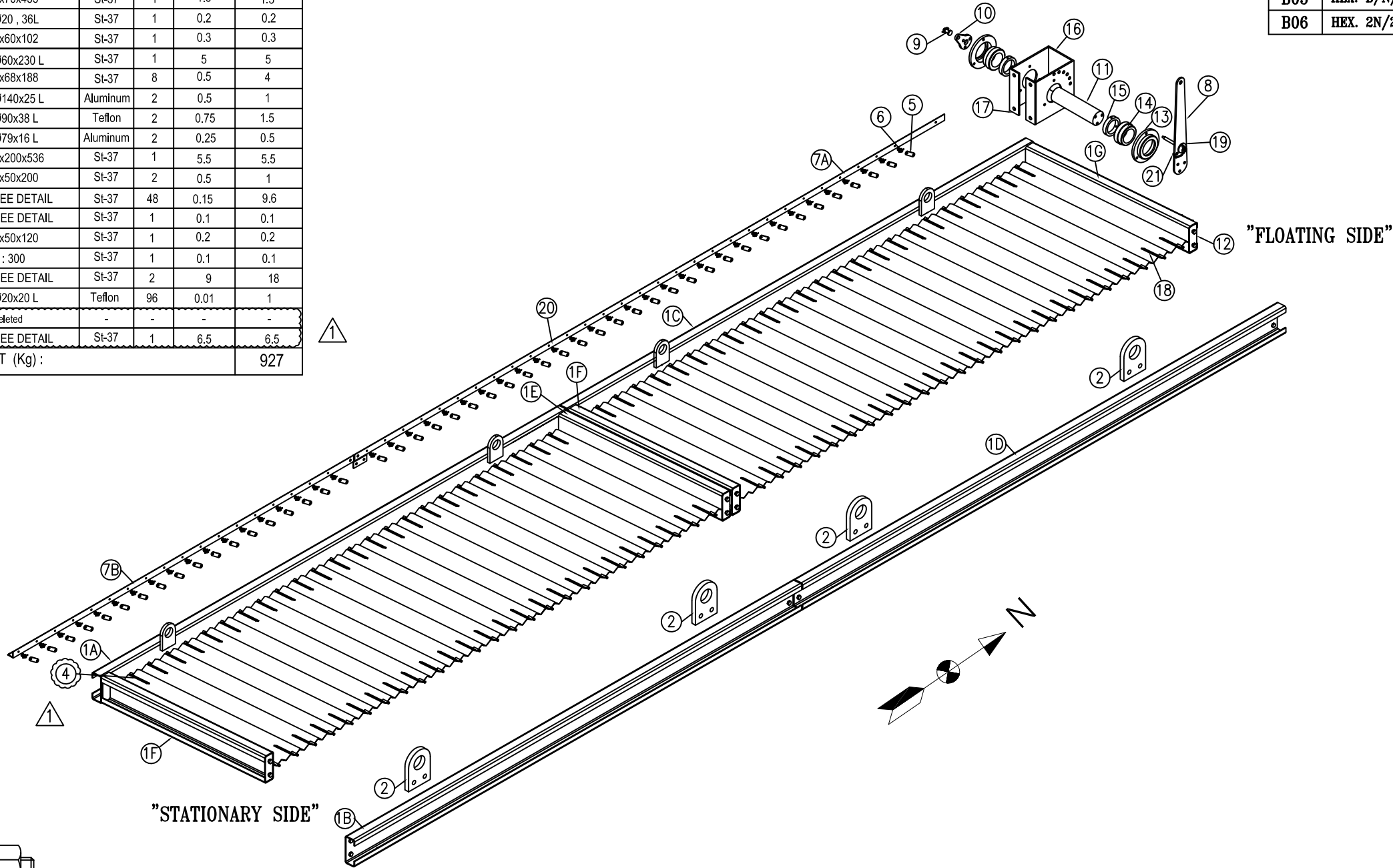
Row	Description	DOCUMENT No.	REVISION	NO. OF SHEETS
1	LOUVER DRAWING	VD-17176-ME-DWG-011	01	3

NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	WEIGHT	T.WEIGHT
1A	LOUVER FRAME	6x392x4314	St-37	1	79.7	79.7
1B	LOUVER FRAME	6x392x4314	St-37	1	79.7	79.7
1C	LOUVER FRAME	6x392x4314	St-37	1	79.7	79.7
1D	LOUVER FRAME	6x392x4314	St-37	1	79.7	79.7
1E	LOUVER FRAME	6x392x2130	St-37	1	39.3	39.3
1F	LOUVER FRAME	6x392x2130	St-37	2	39.3	78.6
1G	LOUVER FRAME	6x392x2130	St-37	1	39.3	39.3
2	LIFTING	15x120x170	St-37	8	2.5	20
3	BLADE	2x202x2124	St-37	48	6.8	326.4
4	FREE LEVER SHAFT	SEE DETAIL	St-37	48	0.2	9.6
5	ARM	6x25x85	St-37	48	0.12	5.8
6	PIN & WASHER	Ø14 , 27L	St-37	48	0.005	0.24
7A	ANGLE	L50x50x5-4428	St-37	1	16.6	16.6
7B	ANGLE	L50x50x5-4111	St-37	1	15.4	15.4
8	HANDLE	6x70x455	St-37	1	1.5	1.5
9	PIN & WASHER	Ø20 , 36L	St-37	1	0.2	0.2
10	TRANSMITER	8x60x102	St-37	1	0.3	0.3
11	SHAFT	Ø60x230 L	St-37	1	5	5
12	END PLATE	6x68x188	St-37	8	0.5	4
13	CAP	Ø140x25 L	Aluminum	2	0.5	1
14	BUSH	Ø90x38 L	Teflon	2	0.75	1.5
15	HOLDER	Ø79x16 L	Aluminum	2	0.25	0.5
16	ACTUATOR BOX	6x200x536	St-37	1	5.5	5.5
17	PLATE	6x50x200	St-37	2	0.5	1
18	LEVER	SEE DETAIL	St-37	48	0.15	9.6
19	ROD	SEE DETAIL	St-37	1	0.1	0.1
20	PLATE	6x50x120	St-37	1	0.2	0.2
21	CHAIN	L : 300	St-37	1	0.1	0.1
22	AIR SEAL	SEE DETAIL	St-37	2	9	18
23	BUSH	Ø20x20 L	Teflon	96	0.01	1
24	Deleted	Deleted	-	-	-	-
25	AIR SEAL	SEE DETAIL	St-37	1	6.5	6.5
TOTAL WEIGHT FOR 1 UNIT (Kg) :						927



GENERAL NOTE :
1-ALL THE WELDS ARE CONTINOUS EXCEPT SPECIFIED.
2-ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.
3-FINISHING SURFACE : GALVANIZED REF.:ASTM:A-123,A-153.
4-LOUVER WEIGHT : 927Kg. 1
5-BOLTING : DIN 933/ DIN 934/ DIN 963 (GALVANIZED)
6- TOTAL QTY: 8+8 MIRROR

REFERENCE DRAWINGS	
TITLE	DWG. No.
TUBE BUNDLE DETAIL	1071-S2ME039-ME-VDWG-E5614-001
GENERAL ARRANGMENT	1071-S2ME039-ME-VDWG-E5614-003
BUNDLE FRAME	1071-S2ME039-ME-VDWG-E5614-005
STEEL STRUCTURE	1071-S2ME039-ME-VDWG-E5614-007





NUM	DESCRIPTION	SIZE	QTY	STANDARD	REMARK
B01	HEX. B/N/2W/SW	M16x50	16	DIN933/934/126	---
B02	HEX. B/N/2W/SW	M12x40	31	DIN933/934/126	---
B03	HEX. B	M6x20	6	DIN963	---
B04	HEX. B	M10x30	6	DIN963	---
B05	HEX. B/N/2W/SW	M16x40	16	DIN933/934/126	---
B06	HEX. 2N/2W	M12	48	DIN934/126	---



NOTE:
FOR ALL ITEMS:
ALL BOLTS SHOULD BE FASTENED WITH
ONE NUT AND TWO FLAT WASHER AND ONE SPRING WASHER

Code1	<input type="checkbox"/> Approved (Vendor shall issue "AFC"/ "FIN" status)				
Code2	<input type="checkbox"/> Approved as noted (Vendor to amend and submit the "Issued for Approval" status)				
Code3	<input type="checkbox"/> Commented (Vendor to amend and submit the "Issued for Approval" status.)				
Code4	<input type="checkbox"/> Rejected (vendor to resubmit with same revision)				
The above checking result by Purchaser shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing					
 中国石化工程建设有限公司 SINOPEC ENGINEERING INCORPORATION	 Oil Design & Construction Co.				
DATE : DEPT: Signature :					
Only for internal review					
CV	PI	EL	IN	ME	MA
ST	MC	PR	SF	HV	TC

01	08/NOV/2020	ISSUED FOR APPROVAL	M.Maghsad	M.Rostami	P.Karimzadeh
00	13/7/2019	ISSUED FOR APPROVAL	M.Rezaei	M.Rostami	B.Sheikhbeigi
REV.	DATE	DESCRIPTION	PREP.	CHK.	APP.

NATIONAL IRANIAN OIL REFINING & DISTRIBUTION COMPANY							
NATIONAL IRANIAN OIL ENGINEERING AND CONSTRUCTION COMPANY							
 中国石化工程建设有限公司 SINOPEC ENGINEERING INCORPORATION	 Oil Design & Construction Co.						
PROJECT TITLE: ABADAN REFINERY UPGRADING PROJECT							
DRAWING TITLE: Louver Drawing E-5614							
PREP.: M.Maghsad	CHECK: M.Rostami	APPR.: P.Karimzadeh					
CONT. JOB No.: 17176	CONT. DWG. No.: ----						
DOCUMENT No.: 1071-S2ME039-ME-VDWG-E5614-021		SC.:NONE					
		SIZE: A3					
PROJ.	P.O NO.	DISC.	DOC TYPE	COST CODE	SERIAL NO.	REV.	SHEET NO.
1071	S2ME039	ME	VDWG	E5614	021	01	1 OF 3

FILE REF. ADDRESS:
P.O.L: IFA

