



Project No.: 17189		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 : 131865
			SRD : 14.Jul.2021
			PAGE 1 OF 5

MATERIAL REQUISITION FOR LOUVER

0	06-jul-2021	ISSUE FOR ROCUREMENT	M.Maghsad	M. Rostami	P.Karimzadeh
Rev.	Date	Description	Prepared	Checked	Approved

Project No.: 17189		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 : 131865
			SRD : 14.Jul.2021
			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.: 17189		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 : 131865
			SRD : 14.Jul.2021
			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.: 17189		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 : 131865
			SRD : 14.Jul.2021
			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	E-1708	1	Air Cooler	-

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	--	1	703.7	703.7	E-1708

Project No.: 17189		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 : 131865
			SRD : 14.Jul.2021
			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	17-VD-204-ME-DWG-025-A3	02	3

PART LIST:

No.	Description	Size	Material	QTY	Weight	T.Weight
1A	LOUVER FRAME	6*392*4760	A36	2	87.5	175.0
1B	LOUVER FRAME	6*392*4760	A36	2	87.5	175.0
1C	LOUVER FRAME	6*392*930	A36	2	17	34.0
1D	LOUVER FRAME	6*392*930	A36	1	17	17.0
1E	LOUVER FRAME	6*392*930	A36	1	17	17.0
2	LIFTING	15*120*170	A36	8	2.5	20.0
3	BLADE	2*202*924	A36	54	3	162.0
4	FREE LEVER SHAFT	SEE DETAIL	A36	54	0.2	10.8
5	ARM	6*25*85	A36	54	0.12	6.5
6	PIN & WASHER	φ14,27L	A36	54	0.005	0.3
7	ANGLE	L50*50*5-4704	A36	2	17.8	35.6
8	HANDLE	6*70*455	A36	2	1.5	3.0
9	PIN & WASHER	φ20,36L	A36	2	0.2	0.4
10	TRANSMITER	8*60*102	A36	2	0.3	0.6
11	SHAFT	φ60*230L	A36	2	5	10.0
12	END PLATE	6*68*188	A36	8	0.5	4.0
13	CAP	φ140*25L	Aluminium	4	0.5	2.0
14	BUSH	φ90*38L	Teflon	4	0.75	3.0
15	HOLDER	φ79*16L	Aluminium	4	0.25	1.0
16	ACTUATOR BOX	6*200*536	A36	2	5.5	11.0
17	PLATE	6*50*200	A36	4	0.5	2.0
18	LEVER	SEE DETAIL	A36	54	0.15	8.1
19	ROD	SEE DETAIL	A36	2	0.1	0.2
20	CHAIN	L:300	A36	2	0.1	0.2
21	AIR SEAL	SEE DETAIL	A36	2	2	4.0
22	BUSH	φ20*20L	Teflon	108	0.01	1.1
TOTAL WEIGHT FOR 1 UNIT (Kg):						703.7

BOLT LIST:

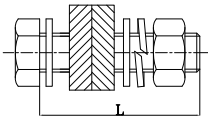
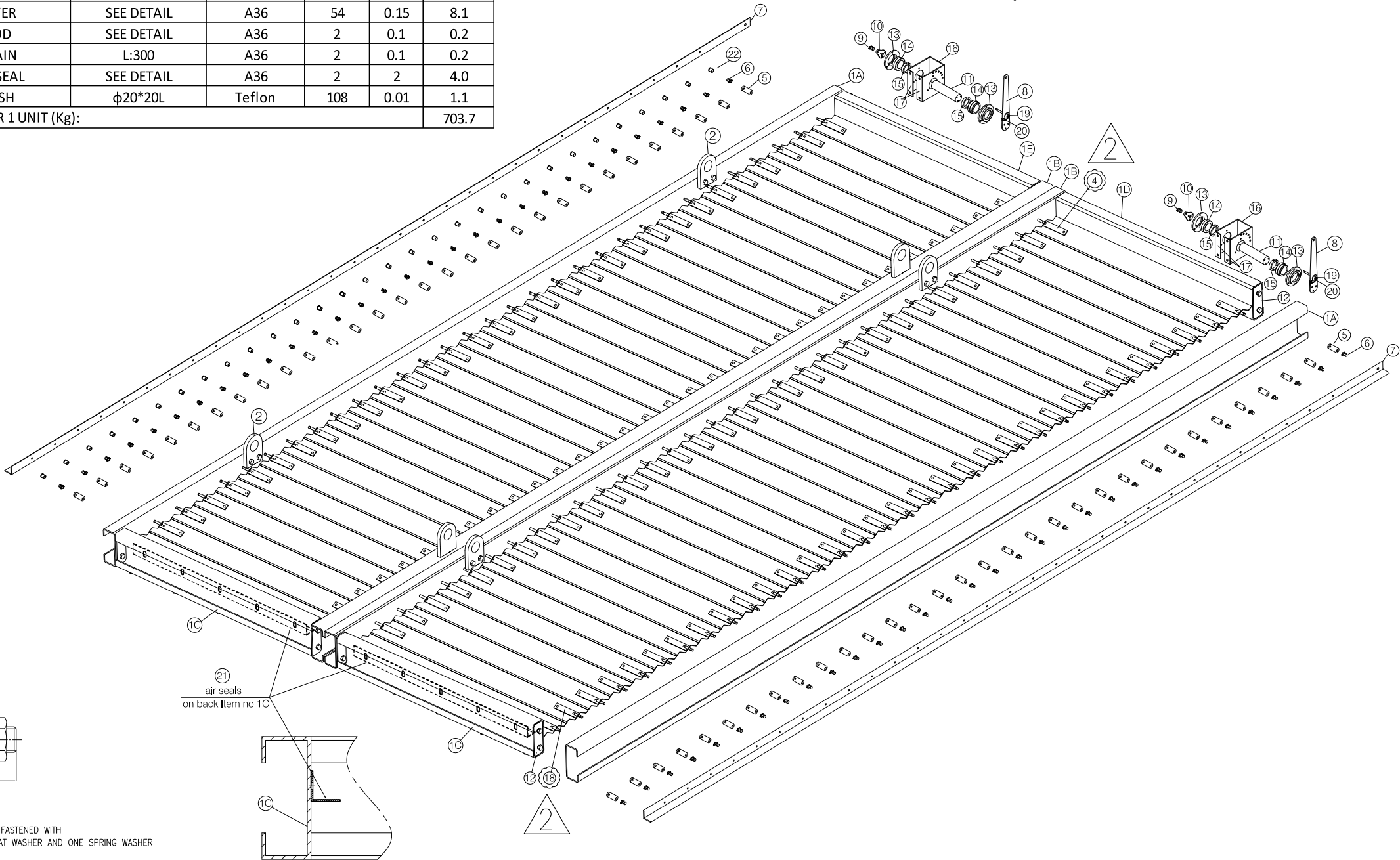
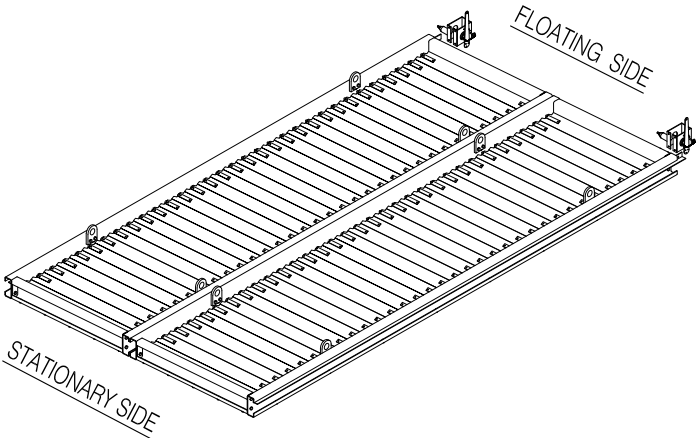
NUM	DESCRIPTION	SIZE	QTY	STANDARD	REMARK
B01	HEX. B/N/2W/SW	M16x50	16	DIN933/934/126	—
B02	HEX. B/N/2W/SW	M12x40	(26)	DIN933/934/126	—
B03	HEX. B	M6x20	12	DIN963	—
B04	HEX. B	M10x30	12	DIN963	—
B05	HEX. B/N/2W/SW	M16x40	16	DIN933/934/126	—
B06	HEX. 2N/2W	M12	(54)	DIN934/126	—

REFERENCE DRAWING




TITLE	DWG.NO
Tube Bundle Detail Drawing	17-VD-204-ME-DWG-018-A3
General Arrangement Drawing	17-VD-204-ME-DWG-019-A3
Steel Structure Drawing	17-VD-204-CV-DWG-029-A3
Bundle Frame Drawing	17-VD-204-ME-DWG-020-A3

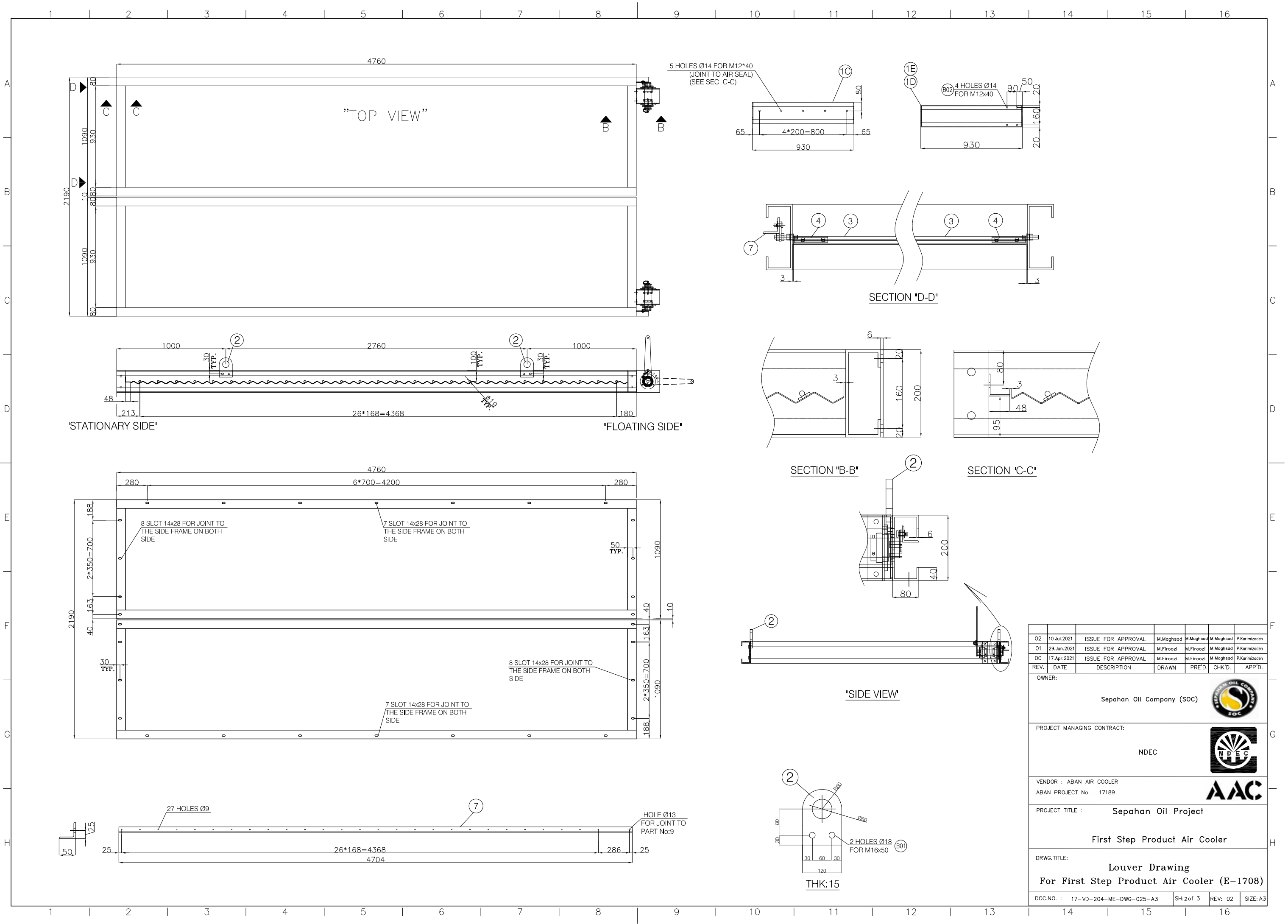
GENERAL NOTE



- 1-ALL THE WELDS ARE CONTINUOUS EXCEPT SPECIFIED.
- 2-ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.
- 3-FINISHING SURFACE :ASTM:A-123,A-153.
PAINTING ACCORDING TO : 17-VD-204-QC-PCJ-047-A4
- 4-LOUVER WEIGHT : 758.9 Kg.
- 5-BOLTING : DIN 933/ DIN 934/ DIN 963 (HOT DIP GALVANIZED)
- 6- TOTAL QTY: 1# Louver for One unit
- 7-The manual louver has only lever in order to open and close the louvers manually by hand.
(there is no instrument item involved)
- 8-Louvers (Frames and blades,...) shall be Hot Dip Galvanized.
- 9-The handling force to operate the louvers = 200 N
- 10-travel of louver blades from fully closed to fully open=0~90°



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

02	10.Jul.2021	ISSUE FOR APPROVAL	M.Maghsad	M.Maghsad	M.Maghsad	P.Karimizadeh
01	29.Jun.2021	ISSUE FOR APPROVAL	M.Firoozi	M.Firoozi	M.Maghsad	P.Karimizadeh
00	17.Apr.2021	ISSUE FOR APPROVAL	M.Firoozi	M.Firoozi	M.Maghsad	P.Karimizadeh
REV.	DATE	DESCRIPTION	DRAWN	PRE'D.	CHK'D.	APP'D.
OWNER: <div>Sepahan Oil Company (SOC)</div> 						
PROJECT MANAGING CONTRACT: <div>NDEC</div> 						
VENDOR : ABAN AIR COOLER ABAN PROJECT No. : 17189 						
PROJECT TITLE : <div>Sepahan Oil Project</div> <div>First Step Product Air Cooler</div>						
DRWG.TITLE: <div>Louver Drawing</div> <div>For First Step Product Air Cooler (E-1708)</div>						
DOC.NO. : 17-VD-204-ME-DWG-025-A3			SH:1 of 3		REV: 02	SIZE: A3



02	10.Jul.2021	ISSUE FOR APPROVAL	M.Maghsad	M.Maghsad	M.Maghsad	P.Karimizadeh
01	29.Jun.2021	ISSUE FOR APPROVAL	M.Firoozi	M.Firoozi	M.Maghsad	P.Karimizadeh
00	17.Apr.2021	ISSUE FOR APPROVAL	M.Firoozi	M.Firoozi	M.Maghsad	P.Karimizadeh
REV.	DATE	DESCRIPTION	DRAWN	PRE'D.	CHK'D.	APP'D.
OWNER:						
Sepahan Oil Company (SOC)						
PROJECT MANAGING CONTRACT:						
NDEC						
VENDOR : ABAN AIR COOLER						
ABAN PROJECT No. : 17189						
PROJECT TITLE : Sepahan Oil Project						
First Step Product Air Cooler						
DRWG.TITLE:						
Louver Drawing						
For First Step Product Air Cooler (E-1708)						
DOC.NO. : 17-V0-204-ME-DWG-025-A3			SH:2 of 3		REV: 02	SIZE: A3

