



Project No.: 17195		<b>MATERIAL REQUISITION</b>	 <b>ABAN AIR-COOLER CO.</b>
Req. No.: 1210/1			
Rev. No.: 00			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 139594
Final	<input checked="" type="radio"/>	Date & Rev.: 1394/11/16 - 1	SRD : 2022.APR.19
			PAGE 1 OF 5


# MATERIAL REQUISITION FOR LOUVER

0	28-FEB-2022	ISSUE FOR ROCUREMENT	M.Maghsad	M. Rostami	P.Karimzadeh
Rev.	Date	Description	Prepared	Checked	Approved

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### 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-1701	1	Air Cooler	Shiraz Oil Refinery

### 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	1149	1149	E-1701

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**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

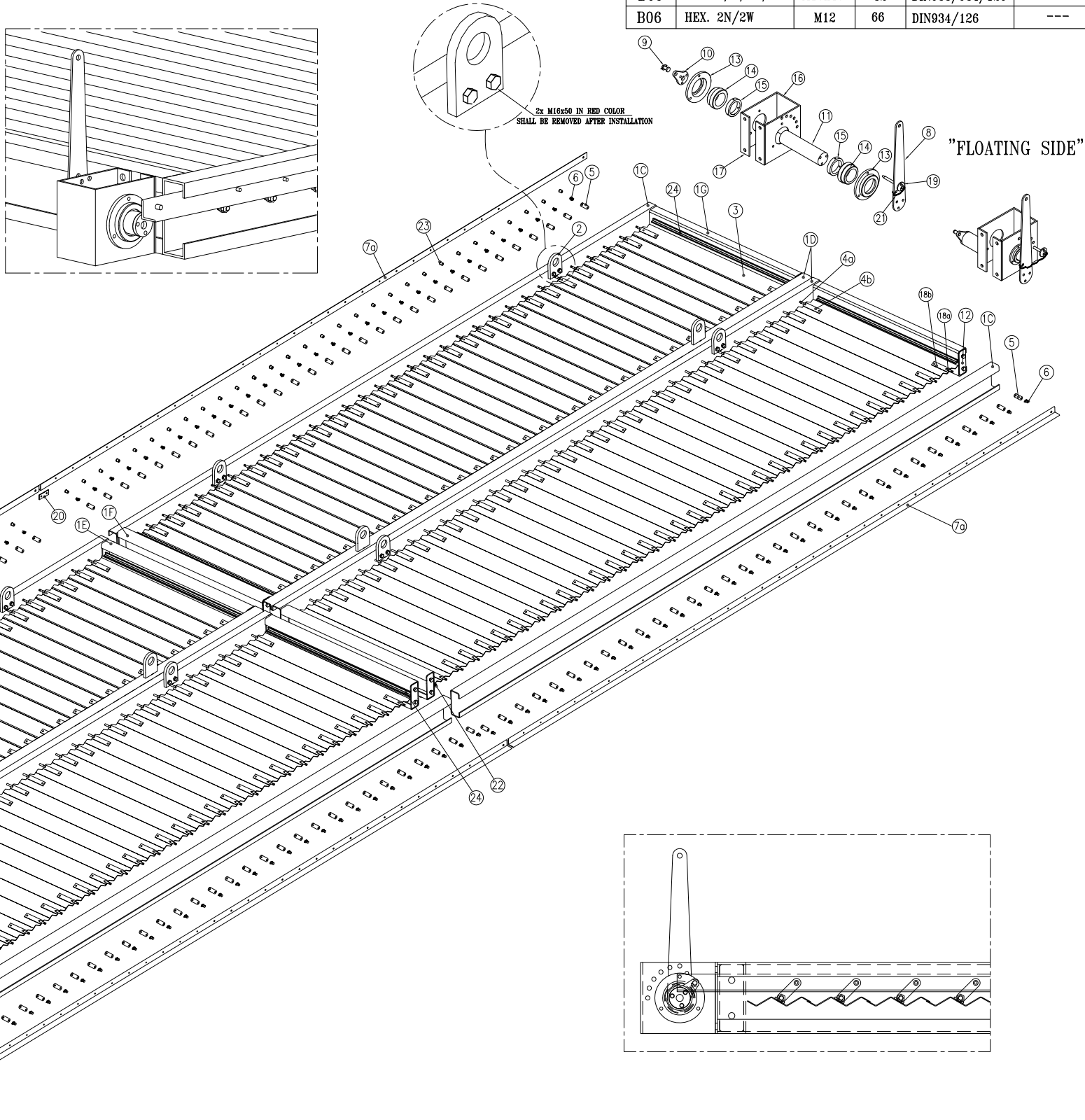
**10- ATTACHMENTS**

Row	Description	DOCUMENT No.	REVISION	NO. OF SHEETS
1	LOUVER DRAWING	SDHT-TG0014-ME-VDWG-AE1701-010	03	3

NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	WEIGHT	T.WEIGHT
1A	LOUVER FRAME	6x392x3420	A 36	1+1 mirror	63.2	126.4
1B	LOUVER FRAME	6x392x3420	A 36	1+1 mirror	63.2	126.4
1C	LOUVER FRAME	6x392x2681	A 36	1+1 mirror	49.5	99
1D	LOUVER FRAME	6x392x2681	A 36	1+1 mirror	49.5	99
1E	LOUVER FRAME	6x392x1290	A 36	1+1 mirror	23.9	47.8
1F	LOUVER FRAME	6x392x1290	A 36	1+1 mirror	23.9	47.8
1G	LOUVER FRAME	6x392x1290	A 36	1+1 mirror	23.9	47.8
1H	LOUVER FRAME	6x392x1290	A 36	1+1 mirror	23.9	47.8
2	LIFTING	15x120x170	A 36	16	5	80
3	BLADE	2x202x1284	A 36	66	4.1	270
4	FREE LEVER SHAFT	SEE DETAIL	A 36	66	0.2	13.2
5	ARM	6x25x85	A 36	66	0.12	8
6	PIN & WASHER	Ø14 , 27L	A 36	66	0.005	0.4
7A	ANGLE	L50x50x5-2795L	A 36	1+1 mirror	13.4	26.8
7B	ANGLE	L50x50x5-3322L	A 36	1+1 mirror	16	32
8	HANDLE	6x70x455	A 36	2	1.5	3
9	PIN & WASHER	Ø20 , 36L	A 36	2	0.2	0.4
10	TRANSMITER	8x60x102	A 36	2	0.3	0.6
11	SHAFT	Ø60x230 L	A 36	2	5	10
12	END PLATE	6x68x188	A 36	16	0.5	8
13	CAP	Ø140x25 L	Aluminum	4	0.5	2
14	BUSH	Ø90x38 L	Teflon	4	0.75	3
15	HOLDER	Ø79x16 L	Aluminum	4	0.25	1
16	ACTUATOR BOX	6x200x536	A 36	2	5.5	11
17	PLATE	6x50x200	A 36	4	0.5	2
18	LEVER	SEE DETAIL	A 36	66	0.15	10
19	ROD	SEE DETAIL	A 36	2	0.1	0.2
20	PLATE	6x50x120	A 36	2	0.2	0.4
21	CHAIN	L : 300	A 36	2	0.1	0.2
22	AIR SEAL	SEE DETAIL	A 36	2	2.3	4.6
23	BUSH	Ø20x20 L	Teflon	66	0.01	0.66
24	AIR SEAL	SEE DETAIL	A 36	4	5	20
TOTAL WEIGHT FOR 1 UNIT (Kg) :					1149	

NOTE :


- 1-All The Welds are Continues Except Specified.  
2-All Dimensions are in mm Except Specified.  
3-Finishing Surface. 3  
Painting According to : SDHT-TG0014-ME-VPRC-0405-011  
4-The handling force to operate the louvers = 200 N  
5-Deleted  
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-Deleted  
9-Travel of louver blades from fully closed to fully open=0~90°  
10-At the end of the installation, the liftings are separated from the Louvre.



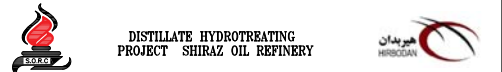
REFERENCE DRAWINGS

TITLE	DWG. No.
TUBE BUNDLE DETAIL	SDHT-TG0014-ME-VDWG-AE1701-001
GENERAL ARRANGMENT	SDHT-TG0014-ME-VDWG-AE1701-002
BUNDLE FRAME	SDHT-TG0014-ME-VDWG-AE1701-003
STEEL STRUCTURE	SDHT-TG0014-ME-VDWG-AE1701-004

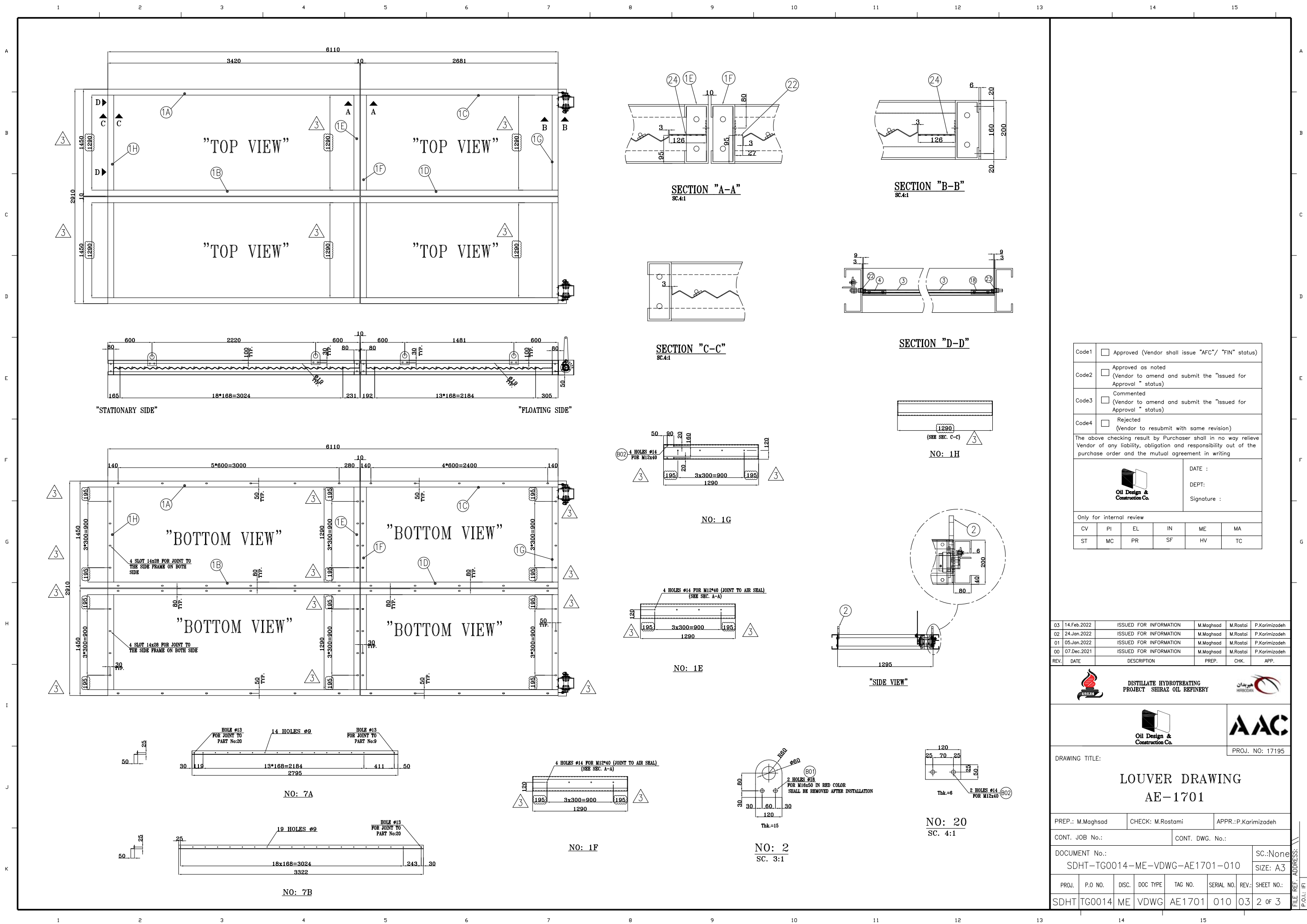
NUM	DESCRIPTION	SIZE	QTY	STANDARD	REMARK
B01	HEX. B/N/2W/SW	M16x50	32	DIN933/934/126	---
B02	HEX. B/N/2W/SW	M12x40	36	DIN933/934/126	---
B03	HEX. B	M6x20	12	DIN963	---
B04	HEX. B	M10x30	12	DIN963	---
B05	HEX. B/N/2W/SW	M16x40	32	DIN933/934/126	---
B06	HEX. 2N/2W	M12	66	DIN934/126	---


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Code2	<input type="checkbox"/> Approved as noted (Vendor to amend and submit the "Issued for Approval " status)				
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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					
	DATE : DEPT: Signature :				
Only for internal review					
CV	PI	EL	IN	ME	MA
ST	MC	PR	SF	HV	TC

03	14.Feb.2022	ISSUED FOR INFORMATION	M.Maghsad	M.Rostai	P.Karimizadeh
02	24.Jan.2022	ISSUED FOR INFORMATION	M.Maghsad	M.Rostai	P.Karimizadeh
01	05.Jan.2022	ISSUED FOR INFORMATION	M.Maghsad	M.Rostai	P.Karimizadeh
00	07.Dec.2021	ISSUED FOR INFORMATION	M.Maghsad	M.Rostai	P.Karimizadeh
REV.	DATE	DESCRIPTION	PREP.	CHK.	APP.

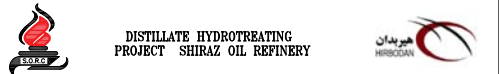



DRAWING TITLE:							
LOUVER DRAWING AE-1701							
PREP.: M.Maghsad		CHECK: M.Rostami		APPR.: P.Karimizadeh			
CONT. JOB No.:			CONT. DWG. No.:				
DOCUMENT No.:					SC:None		
SDHT-TG0014-ME-VDWG-AE1701-010					SIZE: A3		
PROJ.	P.O NO.	DISC.	DOC TYPE	TAG NO.	SERIAL NO.	REV.	SHEET NO.:
SDHT	TG0014	ME	VDWG	AE1701	010	03	OF 3



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	<b>AAC</b>
PROJ. NO: 17195	

13000

FILE REF. ADDRESS:  
P.O.I: IFI



