



KUWAIT NATIONAL PETROLEUM COMPANY (K.S.C.)

PROJECTS DEPARTMENTS

PROJECTS COORDINATION GROUP PCG III PD I

REQUEST FOR APPROVAL OF MATERIAL (Civil / Mech./ Elect. / Inst.)

Contract No.: : LM/CSPD/4027		REF. NO. : RAM/STR/1017 Rev.A, DATE 20/08/2017	
Contractor's Name : M/s. Punj Lloyd Ltd.			
CONTRACT TITLE : Expansion & Revamping of Ahmadi Depot-LM			
1. Area :		AHMADI DEPOT - LM	
2. Relevant Section & Page of Contract Document :		4027-96-3-43-0005-B, 4027-96-3-43-0006-B, 4027-96-3-43-0003-B & etc.	
3. Item of Work :		Roof and Wall cladding works for shelters in Product pump house, Emergency transfer pump house, Fire water pump house, loading gantry & etc.	
4. Material item to be approved :		(i) 24 gauge profile galvanized and colour coated polyurethane sandwich panels of total thickness is 75mm and RAL No. is 9002. (ii) 24 gauge profile galvanized and colour coated polyurethane panels and RAL No. is 9002.	
5. Brand & Model Name proposed for approval		Manufacturer: UNICOIL Saudi quality coated steel, coils & sheets. Fabricator & Supplier : Al-Qatami works and building co.	
6. Deviation to Specification :		NO	
Attachment 1 : Manufacturers Data Sheet :		☐	
Attachment 2 : Material Specification / Drawings		☐	
Attachment 3 : Sample		☒	
Attachment 4 : Test Certificate/ Previous Approvals		☒	
Attachment 5 : Manufacturers Catalogue		☐	
Compliance with Specification Yes ☒ No ☐		Supplier VEC Approved Yes ☐ No ☐ Not categorized in VEC List ☒ VEC Product Code : Vendor Code :	
Prepared by : Prakash Kuppuraj Date : 20-08-2017		Contractor Representative : Date : 20-08-2017	
KNPC ACTION :			
Approved ☐		Rejected ☐	
By: Date			
Distribution:			
KNPC		Contractor Others	

Mill Test Certificate

WORKS & BUILDING CO.,

12010224/1

28/11/0016

Email

09/11/2016

32090956

Product:

ASTMA755M

FS TYPE A (LFQ)

G60-ASTMA653N

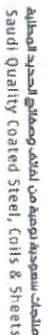
1024-0121 RAL 9002

9014-0308 UNIVERSAL EPOXY BACKER

MOLAWAN

We hereby certify that the material herein has been made and tested in accordance with the requirements of the specification and that all tests are acceptable.

Manager Quality Assurance:



Issue: 02 / Rev: 00

QA e-mail: quality@unikoil.com.sa
S&M e-mail: sales@unikoil.com.sa



UNIVERSAL METAL COATING COMPANY LTD.
C.R. No. 2055003661, Capital Building 19, 5th Floor, 2000
P.O. Box 11606 N-Jubail, Jeddah, Saudi Arabia
Tel.: + 966 31 358 8400 Fax: +966 31 358 8460
A Joint Venture Between Al-Rakha & Al-Jabri Groups

[illegible]

www.unicoil.com.sa

Customer: WORKS & BUILDING CO.,
Safat - KUWAIT
Sales and Order Number: 12010224/1
Shipping Date: 28/11/0016
Purchase Order Number: Email
Purchase Date: 09/11/2016
Delivery Note: 32090955

Date : 29-11-2016

Product: PPGI
Specification: ASTM A755M
Grade: FS TYPE A (LFO)
Substrate: G60-ASTMA653M
Top Color: 1024-0121 RAL 9002
Back Color: 9014-0308 UNIVERSAL EPOXY BACKER
Paint System: MOLAWAN

#	Col Id	Heat ID	Dimensions		Net Weight [MTon]	Zinc Coating [g/m2]	% Chemical Composition x 10-3						Tensile Test		Hardness Test [HRB]	Paint Test [um]	Paint Bottom [um]	Adhesion Impact [13J]	Adhesion T Bend	Bend Flex Test	Pencil Hardness	Solvent Resistance	Gloss [%]	Color DE
			T	W	L	C	Si	Mn	S	Al	P	TS	YP	EL										
1	151647007320	7138937	0.55	1090	828	40	40	200	4	31	18	375	299	38	52.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.15
2	151647007410	7138937	0.55	1090	780	40	40	200	4	31	18	376	304	36	60.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.15
3	151647007420	7138937	0.55	1090	785	40	40	200	4	31	18	376	304	36	60.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.15
4	151647007310	7138937	0.55	1090	780	40	40	200	4	31	18	376	300	38	52.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.15
5	151647007510	7138937	0.55	1090	780	40	40	200	4	31	18	370	295	37	57.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.16
6	151647007520	7138937	0.55	1090	849	40	40	200	4	31	18	370	295	37	57.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.16
7	151647007610	7138937	0.55	1090	780	40	40	200	4	31	18	372	295	37	57.0	25.0	7.0	Pass	3T	3T	1H	50	52	0.25
					Total Weight		24.611																	

We hereby certify that the material herein has been made and tested in accordance with above specification and the results of all tests are acceptable.

Manager Quality Assurance:



ملفات سعودية لوريم من لوريم وصفات الحديد الطويلة
Saudi Quality Coated Steel, Coils & Sheets

Issue : 02 / Rev: 00
QR e-mail: quality@uncoil.com.sa
S&W e-mail: sales@uncoil.com.sa



UNIVERSAL METAL COATING COMPANY LTD.
C.R. No. 2055003661 Capital 100,000,000 SAR
PO Box 11606 Al-Jubail Ind. City 31961, Jubail, Arabia
Tel.: + 966 13 358 8400 Fax: + 966 13 358 8460
A Joint venture between Al Rashed & Al Zamit Groups
www.uncoil.com.sa

Certificate # : QC_32090955_12010224_001.X
الشركة العالمية لطلاء المعادن المحدودة



Mill Test Certificate

Customer: WORKS & BUILDING CO.,
Safat - KUWAIT
Sales and Order Number: 12010224/1
Shipping Date: 28/11/2016
Purchase Order Number: Email
Purchase Date: 09/11/2016
Delivery Note: 32090957

Date : 29-11-2016

Product: PPGI
Specification: ASTM755M
Grade: FS TYPE A (LFQ)
Substrate: G60-ASTMA653M
Top Color: 1024-0121 RAL 9002
Back Color: 9014-0308 UNIVERSAL EPOXY BACKER
Paint System: MOLAWAN

#	Col Id	Heat ID	Dimensions			Net Weight [MTon]	Zinc Coating [g/m2]	% Chemical Composition x 10-3						Tensile Test			Hardness Test [HRB]	Paint Top [um]	Paint Bottom [um]	Adhesion Impact [13J]	Adhesion T Bend	Bend Flex Test	Pencil Hardness	Solvent Resistance	Gloss [%]	Color DE
			T	W	L			C	Si	Mn	S	Al	P	TS	YP	EL										
1	151647008010	7138937	0.55	1090	780	3.439	190	40	40	200	4	31	18	375	299	38	52.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.12
2	151647008020	7138937	0.55	1090	851	3.753	190	40	40	200	4	31	18	375	299	38	52.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.12
3	151647008100	7138937	0.55	1090	1191	5.238	189	40	40	200	4	31	18	370	296	36	56.0	24.0	7.0	Pass	2T	3T	1H	50	51	0.15
4	151647008210	7138937	0.55	1090	780	3.436	195	40	40	200	4	31	18	378	300	38	60.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.11
5	151647008220	7138937	0.55	1090	811	3.573	195	40	40	200	4	31	18	376	300	38	60.0	24.0	7.0	Pass	3T	3T	1H	50	51	0.11
6	151647008300	7138937	0.55	1090	1155	5.087	189	40	40	200	4	31	18	374	298	38	56.0	24.0	7.0	Pass	3T	3T	1H	50	50	0.16
Total Weight							24.526																			

We hereby certify that the material herein has been made and tested in accordance with above specification and the results of all tests are acceptable.

Manager Quality Assurance:

Certificate # QC_32090957_12010224_001.X
الشركة العالمية لحلاء المعادن المحدودة
UNIVERSAL METAL COATING COMPANY LTD.
Capital Paid up to SAR 200000000
CR. No. 2055003661 : Capital Paid up to SAR 200000000
PO Box 11606 Al-Jubail Ind. City 31961 Saudi Arabia
Tel : ++ 966 13 358 8400 Facsimile : + 966 13 358 8480
A Joint venture between Al Rayed & Al Zamil Groups
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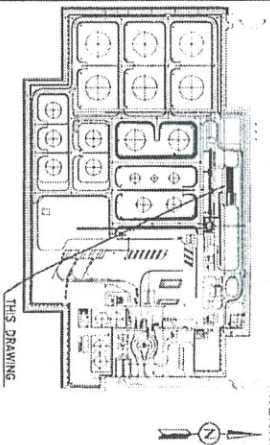


Issue : 02 / Rev: 00

QA e-mail: quality@unicoil.com.sa
S&M e-mail: sales@unicoil.com.sa

منتجات سميكة نوعية من لفائف صفيحة الحديد الصلبة
Saudi Quality Coated Steel, Coils & Sheets





- NOTES**
1. ALL LEVELS ARE IN METER & DIMENSIONS, COORDINATES ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 2. FOR ELEVATION & SECTION REFER DRAWING NO - 4027-96-3-43-0006-B.
 3. FOR REMAINING NOTES, REFER DRG. NO. 4027-96-3-43-0004-B.

LEGEND:

LEGEND:

Approved  02/12

Project Chairman 

[illegible]

REV	DATE	DESCRIPTION
-	-	EQUIPMENT LAYOUT DRAWINGS PRODUCT PUMP HOUSE (A027-96-3-60-0019-A)
-	-	PRODUCT PUMP HOUSE ARCHITECTURAL ELEVATIONS RAMP SECTIONS (A027-96-3-43-0006-B)
-	-	PRODUCT PUMP HOUSE ARCHITECTURAL FLOOR PLAN (A027-96-3-43-0004-B)
-	-	PLOT PLAN (A027-96-3-00-0033-A)

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KUWAIT NATIONAL PETROLEUM CO

PRINTED AND LIMITED
EPC CONTROLS

CONTRACT NO./PROJECT TITLE

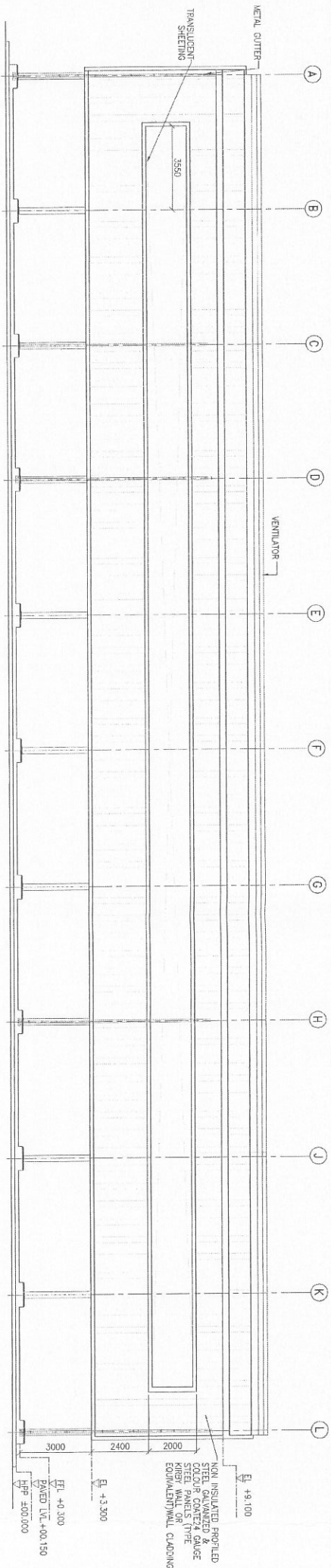
EXPANSION AND REVENUE OF
AIRPORTS

DMG. TITLE

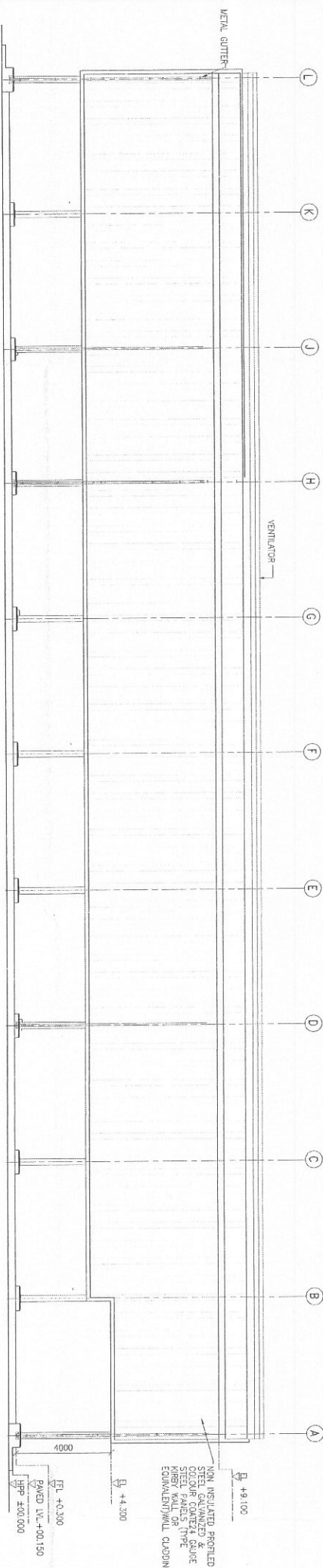
ARCHITECTURAL ROOF PLAN

	IDC CHECK	SCALE	CONTRACTOR DWG. NO.	SHEET REV
-	-	1:100	4027-96-3-43-0005-B	1 OF 1
PC	PD	EL	NNPC DWT. NO.	SHEET
-	-	-	-	-
CS	MR	MS	DATE	-
-	-	-	11.02.2016	-

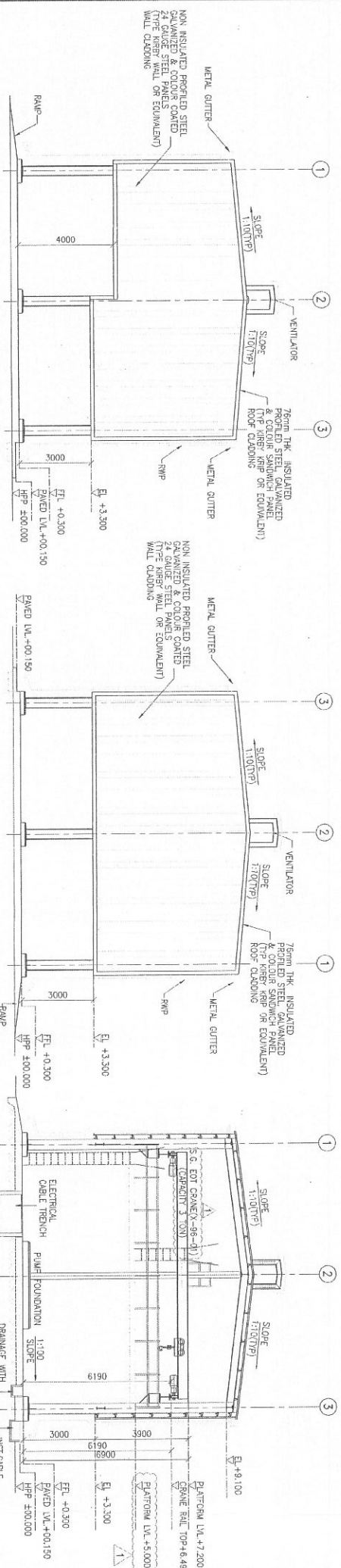
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ELEVATION A
SCALE 1:100
NOTE-2



ELEVATION D
SCALE 1:100
NOTE-2



ELEVATION B
SCALE 1:100
NOTE-2

ELEVATION C
SCALE 1:100
NOTE-2

SECTION 1
SCALE 1:100
NOTE-2

IDC CHECK											
PC	PS	PD	EL	NI	CS	MR	LS	RS	RS	RS	RS
-	-	-	-	-	-	-	-	-	-	-	-

SHEET SIZE - A1 [20 THE NAME: 4027-96-3-43-004-B]

- NOTES:
- ALL LEVELS ARE IN METERS & DIMENSIONS COORDINATES ARE IN METERS UNLESS NOTED OTHERWISE.
 - FOR FLOOR & ROOF PLAN REFER DRAWING NO - 4027-96-3-43-004-B & 4027-96-3-43-005-B.
 - FOR REMAINING NOTES REFER DRC NO. 4027-96-3-43-004-B.

LEGEND:

APPROVED FOR CONSTRUCTION
NAME: K. K. K.
DATE: 9/12/2018
SCALE: 1:100

REV.	DATE	DESCRIPTION	BY	CHKD.	APPROVED
1	12/01/2018	ISSUED FOR CONSTRUCTION	AKS	AKS	AKS
2	12/01/2018	ISSUED FOR APPROVAL (REVISED AS MARKED)	AKS	AKS	AKS
3	12/01/2018	ISSUED FOR REVIEW	AKS	AKS	AKS
4	12/01/2018	ISSUED FOR REVIEW	AKS	AKS	AKS

REV.	DATE	DESCRIPTION	BY	CHKD.	APPROVED
1	12/01/2018	ISSUED FOR CONSTRUCTION	AKS	AKS	AKS
2	12/01/2018	ISSUED FOR APPROVAL (REVISED AS MARKED)	AKS	AKS	AKS
3	12/01/2018	ISSUED FOR REVIEW	AKS	AKS	AKS
4	12/01/2018	ISSUED FOR REVIEW	AKS	AKS	AKS

COMPANY: KUNWAT NATIONAL PETROLEUM CO.
PROJECT TITLE: EXPANSION AND REVENUE OF AHMADI DEPOT Local Marketing
CONTRACT NO./PROJECT TITLE: LM / CSPD / 4027

PRODUCT PUMP HOUSE
ARCHITECTURAL ELEVATIONS & SECTIONS
SHEET NO. 1 OF 1
REV. 1
DATE: 11/02/2018
SCALE: 1:100