



MUHAMMAD AHMAD

Engineering Works (Pvt) Ltd.





MUHAMMAD AHMAD

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MUHAMMAD AHMAD

Engineering Works (Pvt) Ltd.

Contact Information

Company Name: Muhammad Ahmad Engineering Works (MAEW)
Address: House #130, Street #23, Block D, New Lahore City, Lahore, Pakistan
Postal Code: 53720
Telephone: 0300-7541646, 0334-5646489
Fax: N/A
Email: maew.ahmad@gmail.com

Website: www.maew.com.pk

Contact Person: Muhammad Ahmad
Designation: CEO



Year Established: 2013
Nature of Business: Sole Proprietorship
Type of Business: Construction, Renovation, Mechanical Works, and Turnkey Laboratory Solutions
Additional Services: Electrical, Plumbing, All type of medical and Computer Lab's Setup and equipment delivery, HVAC, Solar Installation, and other Allied Engineering Works

Licenses: Pakistan Engineering Council License 2026 — Valid until 2025

Quality Assurance: Quality Manual provided if needed





Company Overview

MAEW is a multidisciplinary construction and engineering company specializing in high-quality civil, mechanical, and industrial access solutions. With a strong commitment to technical excellence, safety, and customer satisfaction, **MAEW** delivers comprehensive engineering services for industrial, commercial, and infrastructure projects.

Our civil works capabilities include earthworks, structural construction, concrete works, site development, drainage systems, and general infrastructure development. In mechanical works, **MAEW** provides fabrication, installation, commissioning, and maintenance of mechanical systems such as steel structures, piping, and industrial equipment.

In addition to our construction services, **MAEW** supplies and installs a wide range of warehouse and material-handling solutions, including:

- Dock levelers
- Dock shelters and seals
- Safety barriers and guardrails
- Warehouse mobile ramps
- Loading bay equipment

All Types of Medical and Computer Lab's Setup and Equipments

Industrial doors and mechanical access systems

With skilled professionals, modern equipment, and a commitment to reliability, **MAEW** ensures every project is executed with precision, delivered on schedule, and aligned with industry standards. We strive to build lasting partnerships by providing innovative, safe, and cost-effective engineering and warehouse access solutions.



Initial Date of Registration in PEC: Oct 02, 2014



Scan QR code to view details.



Serial No. 574240

PEC-11

PAKISTAN ENGINEERING COUNCIL

Licence No: 59891 Category: C6 Validity: 30 June, 2024

LICENCE OF PAKISTANI CONSTRUCTOR/OPERATOR

(Under the bye-laws of Pakistan Engineering Council 1987)

This is to certify that M/s MUHAMMAD AHMAD ENGINEERING (Licencee), with its registered office at OFF NO 1 GROUND FLOOR, SECTOR E12 GOLRA SHARIF ROAD DHRAK MOHRI CHOWK ISLAMABAD have been licenced under Construction and Operation of Engineering Works Bye-laws 1987, until the validity date to construct/operate engineering works, the construction/capital cost of which does not exceed Rs. 25 (TWENTY FIVE) million provided the licensee fulfils all the qualification requirements prescribed by Client or Employer for a particular engineering work; and subject to the licensee continuing to fulfill all the requirements of the bye-laws.

Field of Specialization CE01 - CE04 (Irrigation Only) - CE09 - CE10 - EE01 - EE02 - EE04 - EE06 - EE11 (Solar) - EE11 (Solar Energy) - EE11 (Solar Energy system) - (ELEVEN ONLY)
(Specialization Code Nos. for detail see overleaf)

Date of Issue: Feb 29, 2024
(Islamabad)




Registrar
Pakistan Engineering Council,
Islamabad.

Note:

1. If a firm does not get renewal of its licence within a year after expiry of its licence, the firm may be renewed after payment of outstanding fee if entire defaulting period plus surcharge at the rate of 5% of defaulting fee amount, or as prescribed from time to time.
2. The employer must ensure employment of engineers whose names are mentioned on backside of the licence. The Consulting Engineer (the Engineer Incharge in case the consultant is not appointed) shall monitor the number of engineers employed by the Constructor/Operator and inform the Council accordingly.
3. Owner(s) of the firm shall be held responsible, if any information, document or paper submitted by him/them is found incorrect or forged.

3
3
9
1
3
3



TAXPAYER REGISTRATION CERTIFICATE

(Under Section 181C of the Income Tax Ordinance 2001)

Registration No. 3110217797311



3110217797311

Date of Registration 29-Jan-2013

Type of Person Individual

Name MUHAMMAD AHMAD

Address OFFICE NO. 1 DHREK MOHRI GOLRA

Tax Office RTO ISLAMABAD

Activity Type Business

Inland Revenue Service

**This is a computer generated certificate and,
hence, no signatures are required.**

Displaying of Taxpayer Registration Certificate is mandatory as
provided under section 181C of Income Tax Ordinance 2001.

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C)
of sections 2 and 181A of the Income Tax Ordinance 2001.



PARTNER IN PROGRESS



051 111 772 772

Date of Print 30-Mar-2021

helpline@fbr.gov.pk

www.fbr.gov.pk



Taxpayer Profile Inquiry

Printed On: 11/16/2023 11:13:50 AM

Registration No 3110217797311
Reference No 4102617-9
Registered for Sales Tax Yes. w.e.f. 24-JAN-20
Name MUHAMMAD AHMAD
Category Pakistani Male
PP/REG/INC No.
Email ahm****gin***ingctn@gmail.com
Cell 00923**754**46
Address Office 04, Basement Ittehad Plaza Fazal-e-Haq Road, Blue Area, Islamabad
Registered On 29-JAN-2013
Tax Office RTO ISLAMABAD
Registration Status Income Tax: Active , Sales Tax: OPERATIVE

Sr.	Business/ Branch Name	Business/ Branch Address	Principal Activity
1	MUHAMMAD AHMAD ENGINEERING WORKS	Office 04, Basement Ittehad Plaza Fazal-e-Haq Road, Blue Area, Islamabad	960900-Other service activities/Other personal service activities/Other personal service activities n.e.c.





Date : 17-03-2023

Time : 11:52:58

PNTN**4102617-9**

Category

INDIVIDUAL

Name

MUHAMMAD AHMAD

Business Name

Sr.	Business Name
1.	MUHAMMAD AHMAD ENGINEERING WORKS

CNIC/Reg No.

31217*97*****

Address

HOUSE NO. 20, NEAR MEHMOOD MASJID, SUGAR MILL ROAD, CHISHTIAN

Block/Sector/Road

SUGAR MILL ROAD

City

CHISHTIAN

Service Category

CONSTRUCTION SERVICES ,9824.0000

Date of Registration with PRA

3/17/2023 12:00:00 AM

Operational Status at PRA

Active[Print](#)[Back](#)



GOVERNMENT OF SINDH



SINDH REVENUE BOARD

SINDH SALES TAX REGISTRATION CERTIFICATE

Issued under section 24, 24A & 24B of the Sindh Sales Tax on Services Act, 2011
read with rules 5 & 6 of the Sindh Sales Tax on Services Rules, 2011, 2022

Sindh Sales Tax Registration No.: S4102617-9

Name of the Registered Person: MUHAMMAD AHMAD

Business Name (s): MUHAMMAD AHMAD ENGINEERING WORKS

Tariff Heading & Principal Service: 9815.5000: SERVICES PROVIDED BY TECHNICAL, SCIENTIFIC AND ENGINEERING CONSULTANTS.

Tariff Heading & Other Taxable Services: 9824.0000: CONSTRUCTION SERVICES
9814.2000: CONTRACTOR OF BUILDING (INCLUDING WATER SUPPLY,GAS SUPPLY AND SANITARY WORKS), ELECTRICAL AND MECHANICAL WORKS (INCLUDING AIRCONDITIONING), MULTI-DISCIPLINARY WORKS (INCLUDING TURN KEY PROJECTS) AND SIMILAR OTHER WORKS

CNIC / Reg. or Inc. Number: 31102-1779731-1 Status: INDIVIDUAL

Address: OFFICE NO.1,(GF), SECTOR E-11,DHARAK MOHRI CHOWK,GOLRA SHARIF ,ISLAMABAD,
DISTT:ISLAMABAD,CAPITAL TERRITORY

Phone No.: +92,300,7541646 E-mail: ahmadengineeringctn@gmail.com

Date of Issue of this Certificate: 22-MAY-2024

NOTE: **THIS CERTIFICATE IS PROVISIONAL AND IS VALID FOR 04 MONTHS FROM DATE OF ISSUE OF THIS CERTIFICATE**

This Certificate shall be prominently displayed at a conspicuous place of the premises in which business is carried on



RGCRT-052024-7520094-0





Taxpayer Online Verification

Date : 22-05-2024

Time : 14:39:10

SNTN**4102617-9**

Category

INDIVIDUAL

Name

MUHAMMAD AHMAD

Business Name

Sr.	Business Name	Address
1.	MUHAMMAD AHMAD ENGINEERING WORKS	OFFICE NO.1,(GF), SECTOR E-11,DHARAK MOHRI CHOWK,GOLRA SHARIF , ISLAMABAD, DISTT:ISLAMABAD,CAPITAL TERRITORY

CNIC/Reg No.

31**217*97***

City

ISLAMABAD

Prindpal service Activity

SERVICES PROVIDED BY TECHNICAL, SCIENTIFIC AND ENGINEERING CONSULTANTS. ,9815.5000

Other Service Activity

1	CONRACTOR OF BUILDING (INCULDING WATER SUPPLY,GAS SUPPLY AND SANITARY WORKS),ELECTRICAL AND MECHANICAL WORKS (INCLUDING AIRCONDITIONING), MULTI-DISCIPLINARY WORKS (INCLUDING TURN KEY PROJECTS) AND SIMILAR OTHER WORKS	9814.2000
2	CONSTRUCTION SERVICES	9824.0000

Date of Registration with SRB

22/05/2024

ATL Status

NON-ACTIVE

Print

Back





Meezan Bank
The Premier Islamic Bank



21- AUG-2023

Subject: ACCOUNT MAINTENANCE CERTIFICATE

Dear Sir/Madam

We hereby certify that MUHAMMAD AHMAD ENGINEERING WORKS is maintaining Meezan Rupee Current A/C 0105591766 with us since 17 AUG 2021

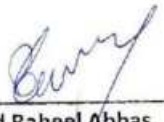
As per bank record Mr. MUHAMMAD AHMAD CNIC NO. 31102-1779731-1 is sole proprietor of said concern.

The above information is provided at the specific request of our valued customer without any risk, responsibility or engagement and liability on the part of Meezan Bank Ltd Pakistan, its authorized signatories or employees.

Very truly yours.



Anam Shahzadi
Personal Banking Officer



Syed Raheel Abbas
Operations Manager



Meezan Bank Ltd.
Gulberg Branch,
60 Main Boulevard Gulberg II Lahore-Pakistan
Tel: (92-42) 5879870-2 Fax: (92-42) 5879873 www.meezanbank.com





Certificate

**INFINITY CERT INTERNATIONAL CERTIFY THAT
THE ENVIRONMENTAL MANAGEMENT SYSTEM OF**

MUHAMMAD AHMAD ENGINEERING WORKS

HOUSE # 130-D, STREET 23, NEW LAHORE CITY, PHASE 2, LAHORE, PAKISTAN
OFFICE # 01, GROUND FLOOR, SECTOR E-12, GOLRA SHARIF ROAD, DHRAK MOHRI CHOWK ISLAMABAD, PAKISTAN

HAS BEEN ASSESSED AND FOUND TO BE IN CONFORMANCE TO THE FOLLOWING STANDARD:

ISO 14001:2015

FOR THE FOLLOWING ACTIVITIES

MANUFACTURING OF MECHANICAL AND HYDRAULIC EQUIPMENT (DOCK LEVELERS, ROAD SAFETY EQUIPMENT, LIFTS, STEEL AND PRE-FABRICATED STRUCTURES, WASTE EQUIPMENT), PROVISION OF CIVIL WORKS AND INSTALLATION OF SOLAR SYSTEMS.

IAF CODE:18,28

CERTIFICATE REGISTRATION NO.PAK260424B

DATE OF INITIAL REGISTRATION:
ISSUE DATE:
EXPIRY DATE:
RECERTIFICATION DUE:

26	APRIL	2024
26	APRIL	2024
25	APRIL	2025
25	APRIL	2027



Fanny Osman

Business Assurance at ICI

Marketing Office: 4690 182 - 184 High Street North East Ham London E9 2JA.UK
Company No: 14380751
Critical location : BUILDING 221, 3rd district, 6th October- Giza - Egypt.
E-mail: info@infinitycert.com
Website: www.infinitycert.com

This Certificate is Only Valid If it is Available/Valid On ICI Website At <http://infinitycert.com>
In case if Surveillance/Recertification Audit is not allowed to be conducted on or before the specified date: the Certificate shall be Suspended/Withdrawn.
The certificate remains the property of Infinity Cert international, to whom it must be returned upon request.

VALIDITY OF THIS CERTIFICATE IS SUBJECT TO SUCCESSFUL COMPLETION OF SURVEILLANCE AUDIT ON OR BEFORE DUE DATE.





Certificate

INFINITY CERT INTERNATIONAL CERTIFY THAT
THE QUALITY MANAGEMENT SYSTEM OF

MUHAMMAD AHMAD ENGINEERING WORKS

HOUSE # 130-D, STREET 23, NEW LAHORE CITY, PHASE 2, LAHORE, PAKISTAN
OFFICE # 01, GROUND FLOOR, SECTOR E-12, GOLRA SHARIF ROAD, DHRAK MOHRI CHOWK ISLAMABAD, PAKISTAN

HAS BEEN ASSESSED AND FOUND TO BE IN CONFORMANCE TO THE FOLLOWING STANDARD:

ISO 9001:2015

FOR THE FOLLOWING ACTIVITIES

MANUFACTURING OF MECHANICAL AND HYDRAULIC EQUIPMENT (DOCK LEVELERS, ROAD SAFETY EQUIPMENT, LIFTS, STEEL AND PRE-FABRICATED STRUCTURES, WASTE EQUIPMENT). PROVISION OF CIVIL WORKS AND INSTALLATION OF SOLAR SYSTEMS.

IAF CODE: 18.28

CERTIFICATE REGISTRATION NO.PAK260424A

DATE OF INITIAL REGISTRATION:
ISSUE DATE:
EXPIRY DATE:
RECERTIFICATION DUE:

26	APRIL	2024
26	APRIL	2024
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VALIDITY OF THIS CERTIFICATE IS SUBJECT TO SUCCESSFUL COMPLETION OF SURVEILLANCE AUDIT ON OR BEFORE DUE DATE





Certificate

INFINITY CERT INTERNATIONAL CERTIFY THAT
THE OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM OF

MUHAMMAD AHMAD ENGINEERING WORKS

HOUSE # 130-D, STREET 23, NEW LAHORE CITY, PHASE 2, LAHORE, PAKISTAN
OFFICE # 01, GROUND FLOOR, SECTOR E-12, GOLRA SHARIF ROAD, DHRAK MOHRI CHOWK ISLAMABAD, PAKISTAN

HAS BEEN ASSESSED AND FOUND TO BE IN CONFORMANCE TO THE FOLLOWING STANDARD:

ISO 45001:2018

FOR THE FOLLOWING ACTIVITIES

MANUFACTURING OF MECHANICAL AND HYDRAULIC EQUIPMENT (DOCK LEVELERS, ROAD SAFETY EQUIPMENT, LIFTS, STEEL AND PRE-FABRICATED STRUCTURES, WASTE EQUIPMENT). PROVISION OF CIVIL WORKS AND INSTALLATION OF SOLAR SYSTEMS.

IAF CODE: 18.28

CERTIFICATE REGISTRATION NO. PAK260424C

DATE OF INITIAL REGISTRATION:	26	APRIL	2024
ISSUE DATE:	26	APRIL	2024
EXPIRY DATE:	25	APRIL	2025
RECERTIFICATION DUE:	25	APRIL	2027



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Marketing Office: 4690 182 - 184 High Street North East Ham London E9 2JA, UK
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Previous Works

Procuring Agency	Value (PKR)	Year	Type of Work Remarks
Unilever Pakistan	29,700,000.00	2025	Supply & installation of Dock Levelers at Karachi, Rahimyar Khan, Lahore, Faisalabad, Lala Musa, Islamabad, Peshawar Completed on time
Unilever Pakistan	2,979,920.00	2025	Extra Civil of Dock Levelers at Karachi, Rahimyar Khan, Lahore, Faisalabad, Lala Musa, Islamabad, Peshawar Completed on time
Agility Logistic	328,000.00	2022	Emergency Gate with stair for GLC 2 Rawat WH Completed on time
Fatima Fertilizer	1,579,500.00	2021	Construction of new loading/unloading Dock Ramp Completed on time
Air University	17,985,600.00	2019	Setup & Equipment Supply for DVM, Chemistry, Biology, and Computer Laboratories, Completed
Air University Kamra Campus	3,165,000.00	2021	Construction & Setup of DVM and Chemistry Laboratories – University Main Gate
MAERSK	410,920.00	2025	Renovation of Dock Shed Karachi Completed on time
TAPAL	130,000.00	2019	Manual Dock Leveler for Peshawar WH Completed on time
RAAZIQ International (Pvt) Ltd	1,040,000.00	2020	Handling Equipment's manual dock Completed on time
RAAZIQ International (Pvt) Ltd	3,257,280.00	2021	Revamping of loading & unloading Dock structure Completed on time
Upple Hadid (Pvt) Ltd	60,648,000.00	2022	Portable washroom at Raiwind Lahore with roof & wall panel Completed on time
Upple Hadid (Pvt) Ltd	86,250,000.00	2021	Portable washroom at Raiwind Lahore (BAAM Group Site) Completed on time
Upple Hadid (Pvt) Ltd	31,200,000.00	2022	Installation of main frame roof panel & wall panel trimming frames Completed on time
Upple Hadid (Pvt) Ltd	54,468,000.00	2021	Temporary accommodation installation with roof, wall, painting (BAAM Group Site) Completed on time
Upple Hadid (Pvt) Ltd	54,464,000.00	2021	Main frame roof panel & wall panel trimming frames (BAAM Group Site) Completed on time



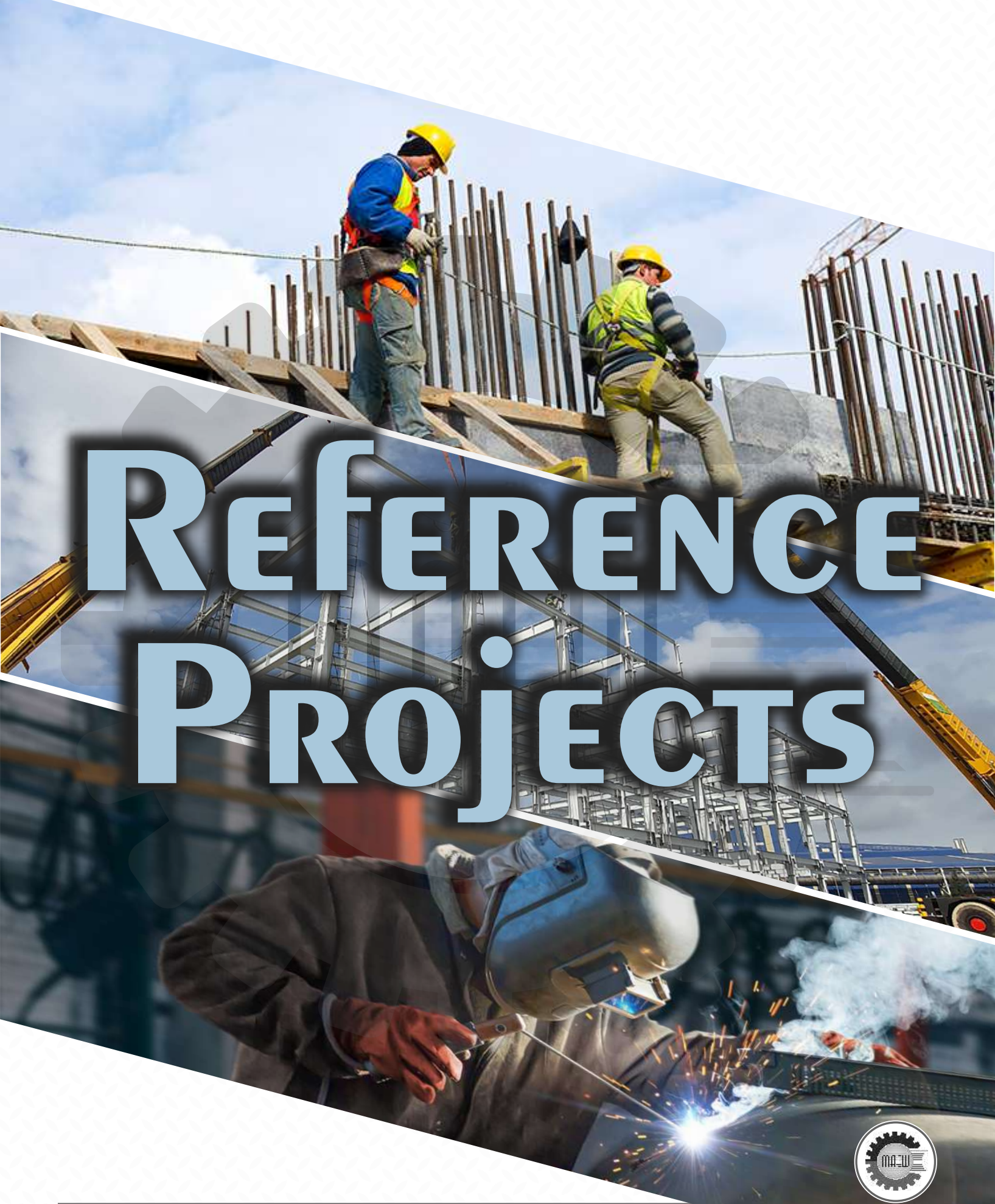
Upple Hadid (Pvt) Ltd	31,200,000.00	2022	Main frame roof panel & wall panel trimming & painting Completed on time
Upple Hadid (Pvt) Ltd	48,450,000.00	2021	Labour accommodation installation & painting at Agha site Completed on time
Upple Hadid (Pvt) Ltd	16,000,000.00	2022	Toll plaza supply & installation at Ring Road Lahore Completed on time
Upple Hadid (Pvt) Ltd	87,500,000.00	2023	Supply & installation of pre-engineered steel building Completed on time
Upple Hadid (Pvt) Ltd	35,500,000.00	2023	Supply & installation of pre-engineered steel building Completed on time
Kohinoor Textile Mills Ltd – Raiwind	7,722,000.00	2022	Mobile Hydraulic Dock Ramp Completed on time
DAMCO	4,484,000.00	2024	Shelf Rack (2'x4'x8') Completed on time



RENOVATION WORKS

Procuring Agency	Value (PKR)	Year	Type of Work Remarks
NATIONAL REGISTRATION AND DATA BASE	495,000.00	2024	Provision and installation of batteries 200 AMP for KVA UPS Completed on time
NATIONAL REGISTRATION AND DATA BASE	5,311,400.00	2024	Renovation of work NRC Kot Chandna Completed on time
NATIONAL REGISTRATION AND DATA BASE	6,410,959.00	2024	Renovation of work NRC Sukheki Completed on time
NATIONAL REGISTRATION AND DATA BASE	1,173,864.00	2025	Renovation of work NRC Ban Hafiz Gee Completed on time
NATIONAL REGISTRATION AND DATA BASE	1,003,472.00	2025	Renovation of work NRC Harnoli Completed on time
NATIONAL REGISTRATION AND DATA BASE	9,351,810.50	2025	Renovation of work NRC Daud Khel Completed on time
ASKARI BANK	7,113,506.00	2024	Renovation of Askari Bank CMH Rawalpindi Branch Completed on time
ASKARI BANK	11,304,333.00	2024	Renovation of Askari Bank Gahkuch Ghizer Branch Completed on time





Clients

Unilever



Unilever





Muhammad Ahmad Engineering Works







Clients

Mearsk



MAERSK

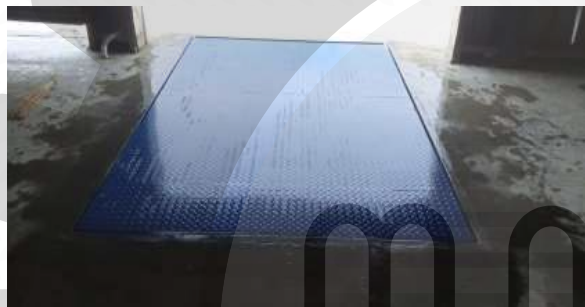


Clients

Raaziq

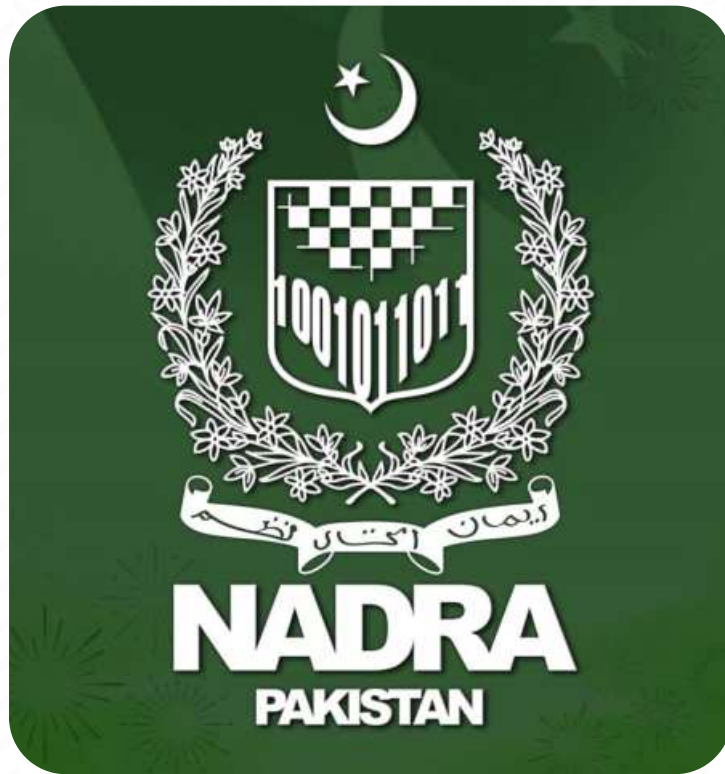


RAAZIQ



Clients

NADRA - RHO - Sargodha



Renovation Works (NRC)

At The NADRA Sargodha Region



Renovation Works Of NADRA - NRC - Daud Khel



Renovation Works Of NADRA - NRC - Kot Chandana

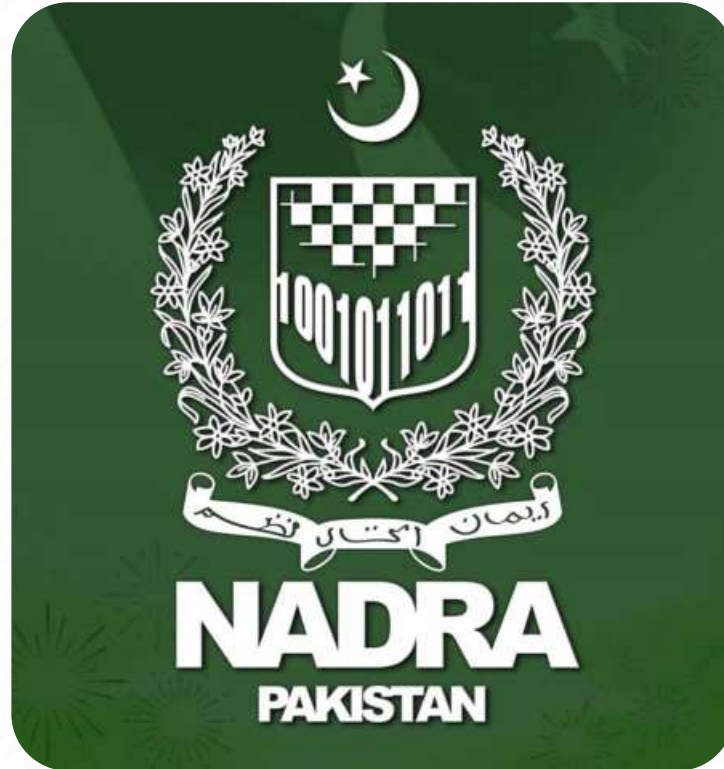


Muhammad Ahmad Engineering Works



Clients

NADRA - RHO - Peshawar



Supply & Installation Security Of Road Blocker & Barrier

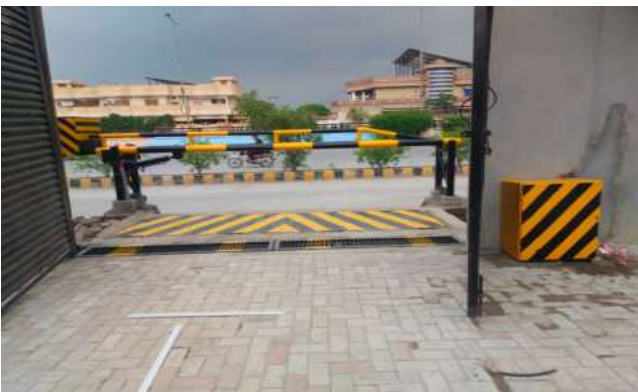
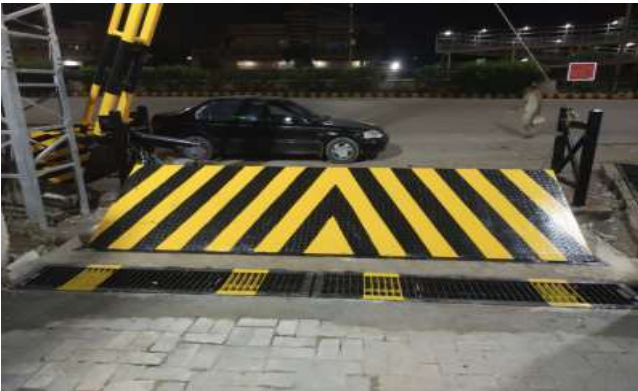
At The NADRA - RHO - Peshawar Main Gate



Main Gate Road Blocker & Barrier NADRA - RHO - Peshawar



Muhammad Ahmad Engineering Works



Clients

Askari Bank



Renovation Works (Branches)

At The Askari Bank Ltd. Islamabad Region



Renovation Works
Askari Bank Gahkuch Branch



Renovation Works
Askari Bank Gahkuch Branch



Clients

Embassy Of The Republic The Philippines





Muhammad Ahmad Engineering Works



Clients

MN Textiles





Clients

Beaconhouse





Clients

NHA





Clients

China Embassy





SUPERIOR QUALITY. BUILT BETTER.

This guide will walk you through the ins and outs of high performance levelers. Ultimately it will allow you to select the right leveler for your loading bay and warehouse operations.



Choosing the Right dock Leveler

MAEW® superior quality dock levelers are proven to be the best and most reliable on the market, providing a productive and efficient loading process. Dock levelers are available in Pit-Style, TELESOPING-LIP™, Edge Mount, Surface Mount, Rail and more. They come in a variety of sizes and capacities to exceed expectations and deliver the utmost in performance.

Installation Types

The right installation style will be dictated by several factors. 1) Service Range - the difference in height between trailer bed and dock. 2) Capacity Requirements - the weight of the forklift, accessories, and goods. 3) Loading dock design - new construction projects offer a blank slate while an existing dock may already be configured for a specific type of leveler.



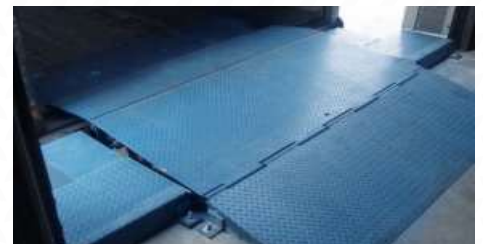
Pit Mounted

This highest capacity and a service range of 12" above and 12" below dock height. Requires an existing pit or a new pit to be cut into the concrete.



Edge Mounted

An economical choice with a service range of 5" above and 5" below dock height.



Surface Mounted

An economical choice with a service range of 10" above and 5" below dock height.



Operation

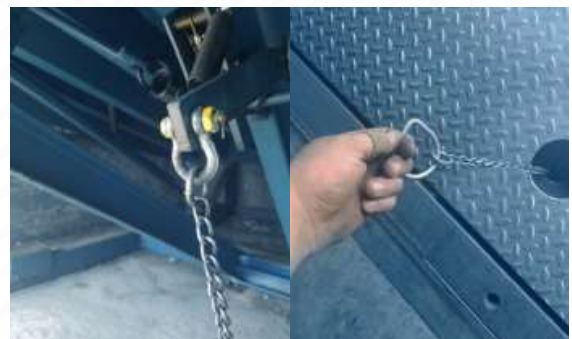
Choosing between Powered and Mechanical levelers is a matter of budget, ease of use, and maintenance considerations.

Dock Levelers	Hydraulic	Mechanical
One-Step Push Button	X	
Highest Capacity	X	
Lower Maintenance Cost	X	
Environmental Benefit		X
No Power Required		X
Lower Purchase Cost		X
Lower Cost of Ownership	X	



Hydraulic

Models with the highest capacity of all leveler styles. Hydraulic levelers are the right choice for high use and high capacity applications. MAEW® hydraulic dock levelers offer easy one-step push button control powered by a hydraulic system that raises the ramp.



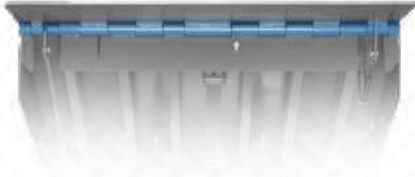
Mechanical

Mechanical dock levelers require no power and have the lowest initial purchase price. This leveler type is better suited for lower usage docks. MAEW® mechanical dock levelers do not require expensive electrical installations and will operate during power failures. They require higher maintenance due to more mechanical parts.



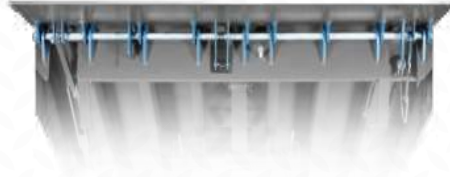
Hinge Style

The dock leveler you choose will be equipped with one of the following hinge styles.



Piano Style Lip Hinge

A common style of hinge that is closed. These are most common on economical constructor units.



Self-Cleaning Tube Style

A stronger hinge that has the added benefit of allowing debris to fall through and avoid binding



Front Hinge

Exclusive Lip Lug & Header Plate



Rear Hinge

Smooth Transition Continuous

Lip Style

The lip of a dock leveler is an essential part of the leveler as it contacts the trailer bed. The lip reaches out, into the trailer bed, using one of two possible designs: rotating and telescoping.



Fixed Length Rotating Lip

The most common style and the most economical choice. The deck of the leveler is first raised prior to extending the lip into the trailer. When the trailer is in its (un)loading position, the lip is then rotated into the trailer bed. The length of the lip is fixed, commonly reaching 16" to 20" from the deck of the leveler.



Telescoping Lip

accuracy to avoid damaging products on end loaded trailers and speeds up operations at the loading dock. Telescoping lip levelers are also ideal in high security food grade and cold storage applications as they allow for a 360-degree seal, which is not possible with a traditional rotating lip.



Stored Position

Pit style levelers are available in horizontal or vertical storing configurations. If you are selecting a replacement leveler, it is important to take note of the current design. The application and dock design will help you choose the leveler with the right stored position to ensure a safe and efficient loading dock.



Horizontal Pit Storing Position

Dock levelers that are stored horizontally in a pit sit flush at dock level and do not interfere with cross traffic when stored.



Vertical Storing Position

Vertical storing levelers are most common in food grade or cold storage applications when the insulated panel door needs to be closed in front of and not on top of the leveler to provide complete insulation. A vertical storing leveler is designed to allow for the dock door to be closed in front, which is necessary in cold storage and food grade applications. In the stored position it will consume some usable space near the door.



Vertical Storing Position Front

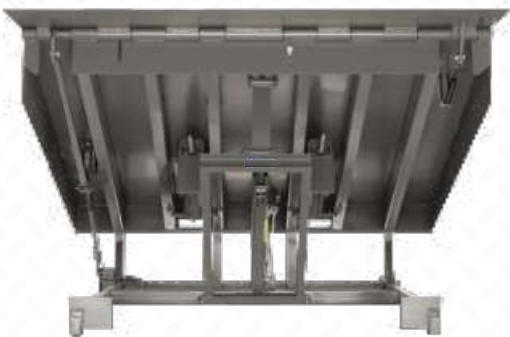




Muhammad Ahmad Engineering Works

Model, Features & Benefits

MAEW® Mechanical Dock Levelers are the ultimate in strength, ease of use, and reliability. Mechanical standard features include: Fully yieldable easy walk down lip extension, dual pawl center position holdown for precise level storage, easy clean subframe, 33% dual beam to deck weld pattern, zinc plated full width hinge rods and below dock end load control.



CONSTRUCTOR (Model CM)

The Model CM is designed for the construction industry. This dock leveler is affordable, yet designed to provide strength and reliability while outperforming other mechanicals in its class with many value added features included as standard.



INDUSTRIAL (Model MN)

The Model NM comes with standard features including additional center deck beam for 3 wheel forklift support, separate lip and deck maintenance struts with lockout ability.





Models, Features & Benefits

MAEW® Hydraulic Dock Levelers deliver the smoothest transition from trailer bed to loading dock and offer reliable operation with easy-to-use functionality. The power unit is a frame mounted assembly that is fully tested and oil filled. The motor is a totally enclosed non-ventilated type available in all voltages. Regenerative hydraulic cylinders are a heavy-duty design with polished chrome rods, guide bearings & high-pressure seals.



CONSTRUCTOR (Model CH)

The Model CH is designed with push button efficiency delivering an ergonomic solution with patented dual function hydraulics and fewer parts than any other dock leveler.



DUAL-DUTY (Model ND)

The Model ND features a unitized welded structure with continuous welds at the beam, header plate and lug connections for maximum strength.



FLEX-LIP (Model SHF)

The Model SHF's lip is designed to provide substantial cost savings on equipment maintenance, fragile goods damage and personnel injuries



HEAVY-DUTY (Model NH)

The Model NH is fully featured with hydraulic powered deck and lip functions controlled by a single push button.





SUPER-DUTY (Model SD)

The Model SD is built to handle tough applications found in the paper, steel and heavy manufacturing industries.



BARRIER (Model NB)

The Model NB is the ultimate in strength and safety. The STAY-PUTTM barrier lip prevents accidental fall-off when in a stored position.



FALL-SAFE (Model SBL)

The Model SBL's exclusive patented design provides increased safety thanks to its automatic positioning sliding barrier-lip that prevents accidental falls off vacant docks.



Vertical Storing Leveler (Model NV)

The Model NV provides maximum energy efficiency, cleanliness, and is ideal for climate controlled facilities in cold storage and food grade industries.

Model/Series	Installation	Size	Capacity (Ton)	Activation	Stored Position	Hinge Type	Warranty
(CH) CONSTRUCTOR Series	Pit Style	6 & 7 ft. W x 8 & 10 ft. L or Size As Required	6 - 10 Ton or As Required	Hydraulic	Pit Mounted	Piano Style Lip Hinge	1 Year Hydraulic System
(ND) DUAL-DUTY Series	Pit Style	6 & 7 ft. W x 8 & 10 ft. L or Size As Required	6 - 10 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(SHF) FLEX-LIP Series	Pit Style	6 & 7 ft. W x 8 & 10 ft. L or Size As Required	6 - 10 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(NH) HEAVY-DUTY Series	Pit Style	6 & 7 ft. W x 8 & 10 ft. L or Size As Required	6 - 10 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(SD) SUPER-DUTY Series	Pit Style	6 & 7 ft. W x 8 & 10 ft. L or Size As Required	6 - 10 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(NB) BARRIER Series	Pit Style	6 & 7 ft. W x 8 & 10 ft. L or Size As Required	6 - 10 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(SBL) FALL-SAFE Series	Pit Style	6 & 7 ft. W x 8 & 10 ft. L or Size As Required	6 - 10 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(NV) Vertical Storing Leveler	Pit Style	6 ft. W 7 ft. L	6 - 10 Ton or As Required	Hydraulic	Vertical Storing	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System





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Models, Features & Benefits

MAEW® Edge Mount Dock Levelers are a cost-effective alternative for loading docks without a conventional pit servicing trailers with a minimal height difference. Edge Mount Levelers are a permanent option to portable plates and dock boards. They are the perfect economical solution for medium traffic docks. No pit necessary!



PUSH-BUTTONS Series - (Model EH)

The Model EH includes a lift cylinder, mechanical lip extension and is available in capacities up to 2 - 6 ton (as required).



PUSH-BUTTONS Series - (Model EFH)

The Model EFH is available in capacities up to 2 - 6 ton (as required). with single push button activation with auto return to dock.



LEVER Series - (Model EM)

The Model EM is available in capacities up to 2- 6 ton (as required). including a self-cleaning lip lug style front hinge assembly designed for longer life. Standard features include continuous rear piano style hinge, gas spring counter-balanced system that requires no adjustment or lubrication, and a deck and lip that automatically returns to stored position.



EZ-DOCK Series - (Model SMD)

The Model SMD with patented activation system is the smart choice for those who prefer or cannot build a conventional recessed pit in their building.

Model/Series	Installation	Size	Capacity (Ton)	Activation	Stored Position	Hinge Type	Warranty
(EH) PUSH-BUTTON Series	Edge of Dock	5.5 & 6 ft. W x 6.5 & 6.9 ft. L or Size As Required	2 - 6 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(EFH) PUSH-BUTTON Series	Edge of Dock	5.5 & 6 ft. W x 6.5 & 6.9 ft. L or Size As Required	2 - 6 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System
(EM) LEVER Series	Edge of Dock	5.5 & 6 ft. W x 6.5 & 6.9 ft. L or Size As Required	2 - 6 Ton or As Required	Mechanical	Pit Mounted	Self Cleaning Lug Type Lip Hinge	N/A
(SMD) EZ-DOCK Series	Surface Mount	6 & 7 ft. W x 6 ft. L or Size As Required	2 - 6 Ton or As Required	Hydraulic	Pit Mounted	Self Cleaning Lug Type Lip Hinge	1 Year Hydraulic System





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Sliding Lip Hydraulic Rail Dock Leveler (Model SRD)

The Model SRD is equipped with all the standard performance features needed for safe and efficient loading and unloading of rail cars.

Model/Series	Installation	Size	Capacity (Ton)	Activation	Stored Position	Hinge Type	Warranty
(SRD) BOXCAR Series	Pit Style	8 ft. x 0.5 & 9 ft. L or Size As Required	4 - 8 Ton or As Required	Hydraulic	Pit Mounted	Telescoping-Lip	1 Year Hydraulic System



Sponge Cushion Dock Seal (Model SCDS)

The Sponge Cushion Dock Seal is made of high-density polyurethane foam (30–40 kg/m³) enclosed in a 0.8–1.0 mm thick PVC-coated vinyl cover. It offers excellent compression, weather resistance, and durability. The seal includes a galvanized steel or aluminum frame, yellow safety guide stripes, and double-stitched seams with heavy-duty thread. Supplied with galvanized bolts and anchors for concrete or steel installation.

Provides a safe, clean, and energy-efficient seal during loading. Prevents dust, rain, and air leakage, maintaining temperature and hygiene. Durable, low-maintenance, and customizable for various dock sizes—ideal for food, cold storage, and logistics applications.



Steel Spring Bumpers Laminated Bumpers Molded Bumpers Risers & Build-Outs Steel Face Bumpers





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Mobile Dock Ramp

MAEW® Mobile Dock Ramps provide an efficient and flexible solution for loading and unloading goods where traditional dock systems are not available. Designed for warehouses, logistics centers, factories, and locations with varying operational needs, these ramps allow forklifts to move smoothly between ground level and truck beds.

Built with a heavy-duty steel structure, anti-slip surface, and high load-bearing capacity, the ramp ensures safe and stable operations even under continuous use. The hydraulic height-adjustment system allows the ramp to easily match the height of different trailers, improving workflow and reducing loading time.

Equipped with solid tyres, side safety rails, and a reinforced entry plate, the Mobile Dock Ramp is easy to move, position, and operate. This portable solution is ideal for sites requiring mobility, fast deployment, and reliable performance.

All ramps can be customized according to load capacity, size, and operational requirements, ensuring maximum compatibility with your facility's logistics needs.





Steel Structure Warehouse / Prefabrication

A Steel Structure Warehouse is a building made from prefabricated steel components such as columns, beams, roof trusses, and wall frames. These components are manufactured in a factory with high precision and then transported to the construction site for assembly. This method of construction is known as prefabrication, where building parts are produced in advance and assembled quickly on-site.

Steel structure warehouses are widely used for factories, storage facilities, logistics centers, workshops, agricultural buildings, aircraft hangars, and commercial buildings. Steel is a strong, durable, and lightweight material that allows large open spaces without the need for many interior columns. This makes the warehouse suitable for storing heavy equipment and large quantities of goods.

Prefabrication offers many advantages over traditional construction methods. Since the components are manufactured in a controlled factory environment, the quality is more consistent and material waste is reduced. The installation process is much faster, requiring less labor and reducing overall construction time. In addition, steel structures are resistant to termites, have a long service life, and can be recycled, making them an environmentally friendly construction solution.

Modern steel structure warehouses are designed using advanced engineering techniques to withstand heavy loads, strong winds, and earthquakes. They can also be customized according to the required size, shape, and purpose. Due to their strength, flexibility, cost-effectiveness, and fast construction, prefabricated steel structures have become one of the most popular building solutions in the industrial and commercial sectors worldwide.



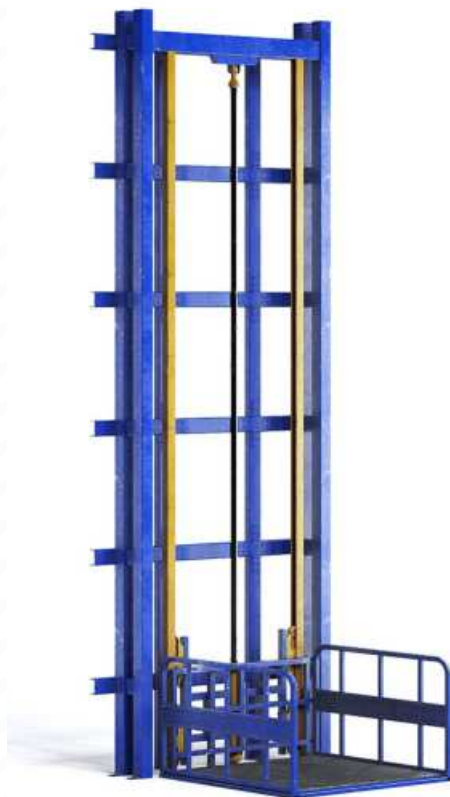


Industrial Lifts

Our Industrial Lifts are engineered to handle heavy loads with maximum safety, reliability, and efficiency. Designed for warehouses, factories, production units, and industrial facilities, these lifts provide smooth vertical movement of goods, equipment, and materials. Built with strong steel construction and advanced hydraulic or mechanical systems, they deliver stable performance even under continuous heavy-duty operation.

We offer Industrial Lifts in multiple configurations - including **Goods/Freight Lifts**, **Scissor Lifts**, **Lift Tables**, and **Material Handling Lifts** - allowing you to choose the ideal solution based on load capacity, height, and site requirements. Each unit is fully customizable to meet client-specific industrial workflows, safety standards, and space constraints.

Our **Industrial Goods Lift**, shown above, is designed specifically for safe and efficient vertical movement of heavy materials. Its reinforced steel frame, stable platform, and high-load capacity ensure reliable lifting of pallets, bulk goods, and equipment. With safety rails and a non-slip ramp, loading and unloading with pallet jacks or trolleys becomes easy and secure. The lift provides smooth operation through a robust mechanical/hydraulic system and can be fully tailored to your required height, load capacity, and installation conditions.





Muhammad Ahmad Engineering Works

Security Road Blockers

Security Road Blockers provide a high level of protection with built-in stopping power, making them ideal for use at banks, embassies, bullion depots, cargo terminals, ports, and truck parking areas.

They are designed with a 100% duty rating for continuous and frequent operation and are powered by a three-phase 400V power supply as standard.

The system can be easily integrated with access control systems and includes a traffic light system as standard. For best performance, the hydraulic control cabinet should be installed within 10 meters of the road blocker.



Hydraulic Automatic Barrier

Hydraulic barriers provide fast, reliable, and fully automated access control for high-security and high-traffic locations. They support integration with access control systems and offer smooth, powerful operation.



Manual Security Barrier

Manual barriers are simple, cost-effective access control solutions ideal for low-traffic areas. They require no electricity, are easy to operate, and are perfect for parking areas and private entrances.

All our Security Road Blockers, Manual Barriers, and Hydraulic Automatic Barriers are fully customizable to meet client-specific site, security, and operational requirements.





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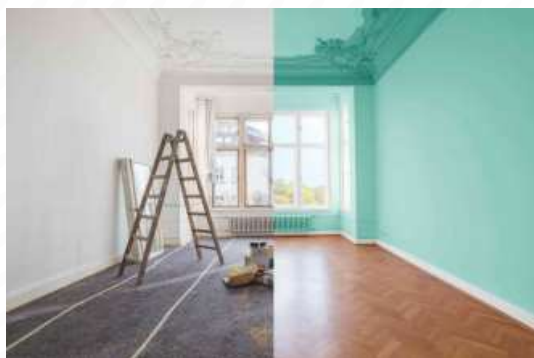
Construction & Renovation Services

We provide comprehensive and professional construction and renovation solutions for residential and commercial projects of all sizes and styles. Our construction services involve building new structures from the ground up, including detailed planning and design, excavation, foundation laying, structural frameworks, concrete work, masonry, and complete finishing. Every aspect of construction is carefully managed to ensure durability, safety, and adherence to modern building standards.

Renovation focuses on enhancing, upgrading, repairing, and modernizing existing buildings to improve their functionality, safety, and visual appeal. This includes interior and exterior improvements, structural reinforcements, electrical and mechanical system upgrades, plumbing, painting, flooring, and other enhancements that transform older spaces into efficient, contemporary, and aesthetically pleasing environments.

We handle both small and large-scale residential projects, as well as commercial buildings such as offices, shops, and showrooms, ensuring every project is executed with precision, high-quality materials, and skilled craftsmanship.

Our team is committed to completing projects on time and within budget while maintaining the highest quality standards. We work closely with clients at every stage—from planning and design to execution and final inspection—ensuring that the final result meets both functional and aesthetic expectations. With our construction and renovation services, clients can trust that their properties will be safe, functional, and visually appealing, while enhancing their overall value.





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Industrial Racking Manufacturing

We specialize in the design, fabrication, and installation of customized industrial racking systems. All racking solutions are manufactured in-house according to customer specifications, load requirements, and site profiles, ensuring maximum safety, strength, and space optimization.

Our racking systems are engineered to support efficient warehouse operations, improve inventory management, and provide long-term durability under heavy industrial usage.

Our Racking Capabilities

Customized Design & Engineering

Each racking system is designed based on warehouse layout, floor conditions, storage type, and required load capacity. We ensure compliance with industrial safety and performance standards.

Profile-Based Manufacturing

Racks are manufactured using high-quality steel profiles, selected according to structural and load requirements to ensure stability, durability, and long service life.

Heavy-Duty & Medium-Duty Racking

Suitable for bulk storage, palletized goods, and industrial materials in warehouses and factories.

Warehouse Storage Racks

Optimized solutions for organized storage, easy access, and efficient space utilization.

Professional Installation & Support

Our technical team ensures proper installation, alignment, and safety checks for reliable long-term performance.





Supply Services & Industrial Products

We supply a reliable range of industrial and safety products to support efficient operations in warehouses, factories, and commercial facilities. All products are sourced to ensure quality, durability, and dependable performance.

Our Supplied Products

- Plastic Pallets – Lightweight, durable, and reusable pallets for storage and material handling.
- Wooden Pallets – Strong pallets suitable for logistics, warehousing, and heavy-duty use.
- Hand Lifters / Pallet Trucks – Practical material handling equipment for smooth and efficient operations.
- Computer Lab's, Biology labs, DVM labs and Chemistry labs – Local and imported products
- Safety Equipment (PPE) – Helmets, gloves, safety vests, goggles and other protective gear to maintain workplace safety.





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3D Visualization, AutoCAD & Interior Designing

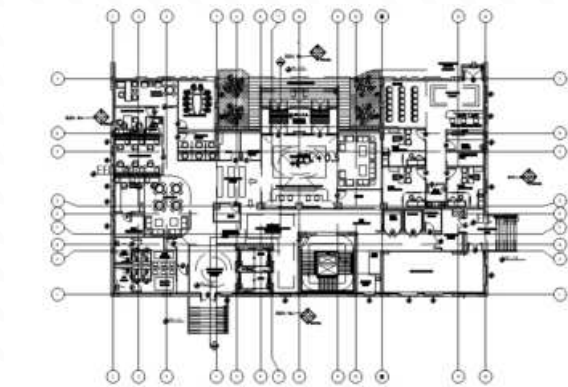
MAEW offers comprehensive **3D Visualization**, **AutoCAD** Designing, and **Interior** Designing services to support accurate planning, efficient execution, and visually refined project outcomes. Our design services help clients clearly understand project concepts before construction begins, reducing errors, saving time, and optimizing costs.

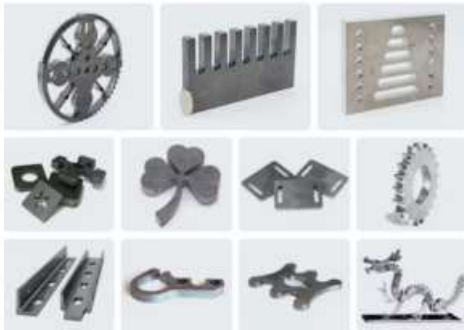
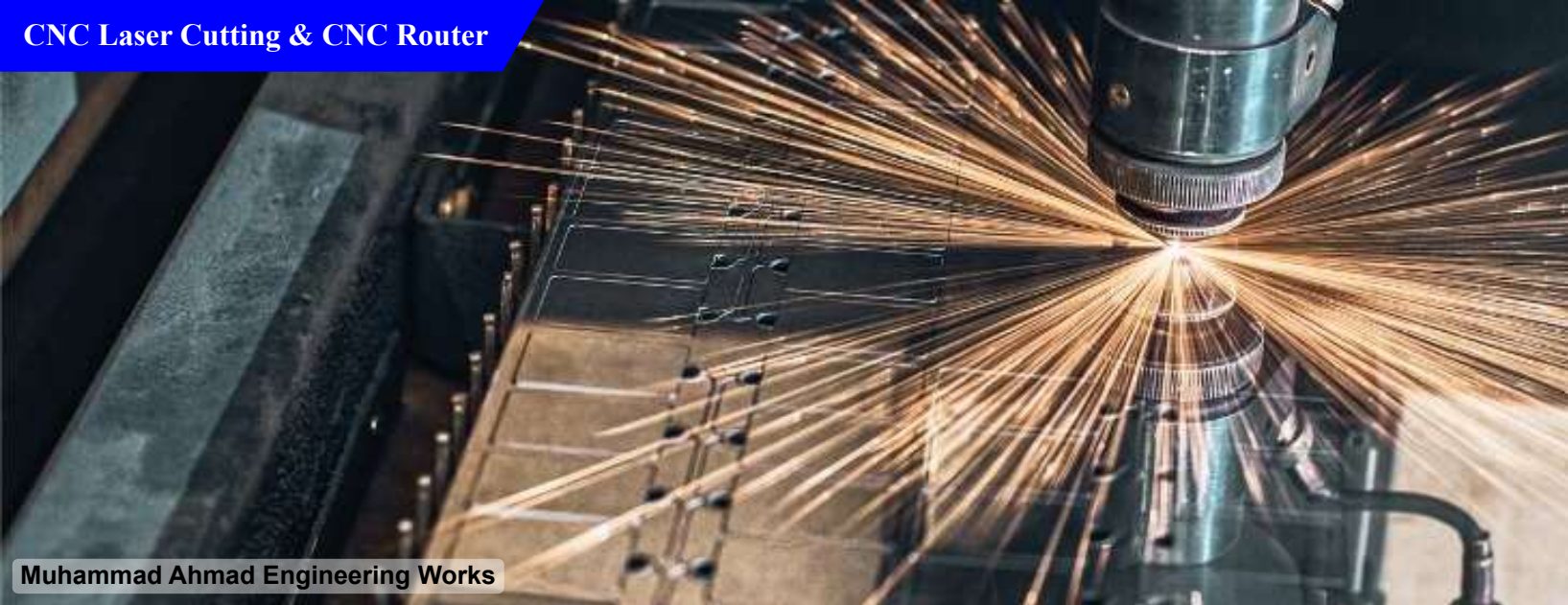
Through **AutoCAD** Designing, we develop precise technical drawings including architectural plans, structural layouts, elevations, sections, shop drawings, and detailed construction documentation. These drawings ensure proper coordination between civil, mechanical, and electrical works, enabling smooth on-site execution in compliance with engineering standards.

Our **3D Visualization** services transform technical drawings into realistic 3D models and renders for buildings, warehouses, steel structures, industrial facilities, and renovation projects. These visualizations allow clients to review layouts, dimensions, materials, finishes, and spatial relationships in advance, improving decision-making and minimizing design revisions.

In addition, our Interior Designing services focus on creating functional, aesthetically pleasing, and efficient spaces for residential, commercial, and office environments. We provide complete interior solutions including space planning, furniture layouts, lighting concepts, material and color selection, ceiling and flooring designs, and finishing details, tailored to client preferences and operational needs.

By integrating **AutoCAD** precision, realistic **3D visualization**, and creative interior design, **MAEW** delivers well-coordinated, visually appealing, and practical design solutions that ensure clarity, accuracy, and successful project execution.





CNC Laser Cutting & CNC Router

MAEW provides advanced CNC-based machining solutions using CNC Laser Cutting and CNC Router technology, designed to deliver high precision, consistency, and superior finish for industrial, commercial, and architectural applications.

CNC Laser Cutting utilizes a high-power laser beam for accurate cutting of steel, stainless steel, aluminum, and other metal sheets. This process ensures clean edges, minimal heat distortion, and tight tolerances, making it ideal for structural components, machine parts, industrial panels, enclosures, frames, brackets, and customized metal fabrication. CNC laser cutting supports complex geometries and repeatable accuracy for both light and heavy-duty applications.

CNC Router technology is used for cutting, engraving, and profiling non-metal materials including wood, MDF, plywood, acrylic, PVC, and aluminum composite panels (ACP). It is widely applied in interior fit-outs, decorative and architectural panels, signage, cabinetry, furniture components, wall cladding, and customized design elements. CNC routing delivers smooth finishes, detailed patterns, and uniform results across repeated production.

By combining CNC laser cutting for metals with CNC routing for non-metals, **MAEW** offers a complete machining solution that improves production efficiency, reduces material wastage, and ensures consistent quality. All work is executed according to approved drawings, material specifications, and client-specific requirements, supporting reliable fabrication and high-standard project execution.





Muhammad Ahmad Engineering Works

Robot Welding

Robot welding is an advanced automated welding process used for high-accuracy and heavy-duty metal fabrication. In this process, a programmable robotic arm performs welding operations with precise control over speed, angle, heat, and penetration, ensuring consistent and repeatable weld quality.

Robot welding is widely used to manufacture machine frames, industrial structures, heavy base frames, racks, supports, brackets, and complex metal assemblies. It is ideal for welding mild steel, stainless steel, and structural steel components used in engineering and manufacturing industries.

This process is especially suitable for long production runs and repetitive welding jobs, where uniformity and strength are critical. Robot welding produces clean, smooth, and strong weld joints with minimal spatter and distortion. It also improves productivity by reducing manual labor and human error.

Common products made with robot welding include industrial machinery bodies, fabrication frames, steel enclosures, sheet metal assemblies, gates, grills, panels, and customized welded components. Due to its accuracy and stability, robot welding is preferred for projects requiring high durability, load-bearing strength, and professional finishing.

Robot welding also enhances workplace safety by minimizing direct human exposure to heat, sparks, and fumes. With controlled welding parameters and proper fixture alignment, it delivers international-standard welding results suitable for industrial and commercial applications.





Muhammad Ahmad Engineering Works

Hydraulic Press Bending Machine

We use advanced Hydraulic Press Bending Machines to deliver high-quality metal fabrication with precision, strength, and professional finishing. These machines are specially designed for bending, shaping, and forming metal sheets and steel components according to industrial requirements and engineering standards.

The hydraulic system applies controlled pressure to the metal surface, allowing accurate bending and smooth shaping without damaging the material. This process helps in achieving clean edges, uniform angles, and strong structural results for different types of fabrication work.

Our press bending machines are capable of handling various metal thicknesses and customized designs, making them suitable for industrial manufacturing, steel fabrication, construction projects, machinery parts production, and custom metal works. The machines provide stable performance and efficient operation, which allows us to complete projects with accuracy and consistency.

By using modern hydraulic press technology, we ensure reliable fabrication processes and maintain high standards of workmanship in every project.





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Guardrail Roll Forming Machine

A Guardrail Roll Forming Machine is an industrial machine used to manufacture highway guardrails from steel coils. The machine gradually shapes a flat steel strip into the required guardrail profile by passing it through a series of precisely designed rollers. This continuous forming process produces guardrails with high accuracy, consistent dimensions, and a smooth surface finish. The machine works in a systematic way where each roller station performs a small part of the shaping process until the final desired shape is achieved.

Guardrails are safety barriers installed along highways, bridges, and roadsides to protect vehicles and passengers. Their main purpose is to prevent vehicles from leaving the roadway, falling into dangerous areas, or colliding with roadside obstacles. During an impact, the guardrail absorbs and redirects the vehicle's energy, reducing the severity of accidents and improving overall road safety. These barriers play a very important role in saving lives and minimizing damage during road accidents.

The Guardrail Roll Forming Machine is widely used because it offers high production speed, low material waste, and reliable product quality. It can produce large quantities of guardrails efficiently, making it an essential machine for the road safety and infrastructure industry. Modern machines are often equipped with automatic cutting and control systems, which further increase productivity and ensure precise manufacturing.

In addition, this machine is designed to be durable and easy to operate. It requires less manual labor and provides consistent output over long periods of time. The use of advanced technology in these machines helps industries meet the growing demand for road safety equipment. Overall, the Guardrail Roll Forming Machine is a key component in the production of strong and reliable guardrails used worldwide.





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