

ENGINEERING

FABRICATION

ERECTION



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INTRODUCTION

Established in the year 2007, M&K Industries is involved in Heavy Steel Fabrication, Machining, Assembly of Steel Structures, Material handling Equipment and Industrial Process Equipment's for Cement, Sugar, Power, Chemical, Metallurgical, Fertilizer, Petrochemical, Oil & Gas, Steel, Mining, Cement etc.

The Company specializes in production of Boilers, Pressure Vessels, Heat Exchanges, Turbines Components, in most grades of material such as Stainless, Duplex, Alloy and Carbon Steels.

Presently, the Group has three state-of-art manufacturing facilities spread over 8 acres with 3 workshops, having monthly production capacity of 500 MT and workforce of around 200 employees. All units are endowed with modern machinery and equipment to maximize automation. With a national network of dependable vendors, we ensure smooth progress of work on our shop floor to honor our most sacrosanct commitment of 'Quality and Delivery'. Ours is an ISO 9001:2015 registered company certified by BSCIC.

Presently the company is extending manufacturing support to leading global companies such as Thermax Limited, Zetwerk, L&T Infra, ThyssenKrupp India Limited, Kirloskar Oil Engines, Kirloskar Brothers, Alfa Laval, Raymond, Shree Renuka Sugars, Yashwant Iron, Nuclear Power Corporation of India and many more. We follow international codes and standards as recommended by our customers namely ASME, BS, DIN, IS etc.



OUR CAPABILITIES

➤ **Structural Steel Fabrication**

Columns, Beams, Bracings, Girders, Base Frames, Racks, Trusses, Bolted Structures.

➤ **Equipment's**

Travelling Grate and Assembly

Pusher Grate Assembly

Tanks (SS and MS), Process Equipment's, Storage Tanks, ESP

Pollution Control System for foundries.

➤ **Industrial Fabricated Components**

Ducting (Round and Square), Insulated Ducting, Boiler Casing, Hopper, Bag Filter for ESP, Fan Casing.

Chimney, Piping, Chimney Supporting structure, Boiler Supporting Structure

Foundation Bolts, Packers Plates, Pressure part supports, Shop Attachments.

Fabricated Silencer.

Economizer Casings, Wind Box Assembly, Bunker, Silo, Mechanical a Dust Collector, Bed Plate for boiler Assembly, Fabricated Dampers

SS / MS Piping and Pipes Supports. Stainless Steel Fabrications.

Fuel Feeding Chute, Bed Plate for boiler assembly



OUR CAPABILITIES

➤ Products we Offer:

1. Travelling and Pusher Grate Assembly
2. Foundation Bolts and Sag Rods
3. Pressure part Support
4. Bed Plates for Boiler Assembly
5. Fabricated Dampers and Silencers
6. Ball Type Railings
7. Standard and Lay Out Type Industrial Hand Rails
8. Staircase, Grating and Railings Assembly
9. Metallic Expansion Bellows
10. Air Flow Measuring Device
11. Alarm System
12. Peep Hole Assembly
13. Oil Cooler

➤ Surface Preparation and Painting

Surface Preparation: Grit Blasting Painting.

Painting: HB Zinc Phosphate, HB Zink Silicate, Alkyd zinc Phosphate, Epoxy Zinc Phosphate, Zinc Silicate, Synthetic Enamel, Polyurethane and Fire Protection Paints as per Clients requirement.

➤ Export Packing and Container Stuffing:



KEY HIGHLIGHTS AND DEVELOPMENTS

- ❖ **Fabrication and Supply of Bolted Structure Assembly to One of the Largest Refinery in Nigeria: Scope Includes Planning / Detailed Design Engineering / Procurement / Manufacturing / Mock Up Assembly / Inspection / Non - Destructive Testing (NDT) / Surface Treatment and Painting / Export Packing / Container Stuffing and Delivery up to Mumbai Port.**
- ❖ **Supply of Fabricated Columns and Girders to one of the leading steel Industry in India for Steel Plant development.**
- ❖ **Supply of Platform Assembly and Walk Way Assembly to Mumbai Metro Project.**
- ❖ **Supplied more than 700 MT Ball Type Hand Railings to RIL and Dangote Refinery through our prestigious Client Thermax Limited. These were Special Railings with Granite Blasting and Painting after Galvanizing.**
- ❖ **Supplied Travelling Grates and Pusher Grate Assemblies to Domestic as well as Export Projects through our prestigious Client Thermax Limited. Travelling Grate and Pusher Grate Trail Runs also conducted in house during Execution of Projects.**
- ❖ **Supplied Column, Beam, Bracing, Girders, Staircase, Railings, Ducting, Boiler Casing, Hopper, Bunker, Silo, Boiler Supporting to Domestic as well as Export Projects through our prestigious Client Thermax Limited.**
- ❖ **New Heavy Fabrication Facility Developed 40,000-meter square out of which 15,000-meter squares' area covered under Over Head Cranes for Handling Heavy Fabrication Jobs.**
- ❖ **Repeat project manufacture contracts from several esteemed clients, over the past 15 year continued tenure, testifies credibility of M&K Group.**



Manufacturing facilities equipped with the following state-of –art equipment's:

- ❖ CNC Plasma Machine
- ❖ Automatic Beam Welding Machine for Fabricated Columns and Girders
- ❖ Shearing and Plate Cutting Machine Up to 6.7 Meter Length and 10 mm Plate Thickness.
- ❖ Double Torch SAW Welding Machine
- ❖ Semi-Automatic Pipe Pending / Thread Rolling Machine
- ❖ 500 MT Point Press for Dished End Manufacturing and Bending
- ❖ Rolling / Bending Facility
- ❖ SAW / SMAW Welding Equipment's
- ❖ Shot Blasting and Air Less Spray-Painting facility with Separate Booths for Blasting and Painting with Trolley for ease in Handling.
- ❖ In House Export Packing and Container Stuffing Facility with Skilled Labor Force.



INFRASTRUCTURAL FACILITIES

Sr.No	Plant	Land Area	Covered Area	Height of Roof	Facilities
1	Unit 1-Part A-B55	20000 sq.ft.	10000 sq.ft.	12 Meter	Travel Grate Assembly, Pusher Grate, Storage Tank, SS & Alloy Steel Fabrication, Piping & Assembly Work
2	Unit 1-Part B-B54	20000 sq. Ft.	10000 sq.ft.	8 Meter	Office & Store
3	Unit 1-Part C-B53	20000 sq.ft.	10000 sq.ft.	12 Meter	Heavy Jobs upto 7 meter Height x 46 meter Length X 20 meter Width
4	Unit 2-Part A-A85	40000 sq.ft.	20000 sq.ft.	8 Meter	Heavy Structural Steel Work such as Column, Beam, Bracing, Girders, Ducting, Economizer Casing, Buckstay, PEB Structure, Chimney, Medium and Heavy Fabrication Chimney Structure
5	Unit 2-Part B-A85	40000 sq.ft.	20000 sq.ft.	9 Meter	Blasting & Painting Booth
6	Warehouse-A85	20000 sq.ft.			Storage of raw material & finished goods.
7	Unit 3-Part B55	1750000 sq.ft.	36000 sq.ft.	8 Meter	Heavy Fabrication Shop, Grit Blasting & Painting Booth, Export Packing and Stuffing Area



PROJECTS EXECUTED

Sr No	Client	Project Name	Scope	MT	Remark
1	Thermax Limited, Pune	Rastriya Is path Nigam Limited	Beams, Girders	180	With Blasting & 3 coat of paint system
2	Thermax Limited, Pune	Tata Projects	Economizer Casings	90	With Blasting Zinc Silicate & HR Al. paint
3	Thermax Limited, Pune	DCW Limited	punker Assembly	60	
4	Shri Renuka Sugar Limited	Patri	Centre tube of clarifier	14	With Erection & commissioning at site
5	Cycle Transmission Ltd. Sitara		Gear Box Housing Assembly	22	Fabrication & Machining
6	Yashwant Iron & Steel Ltd.	Kolhapur	Frame for hydraulic drive	4	Fabrication & Machining
7	Thermax Limited, Pune	Thermax Limited's Giryra Alloys & Power	Platform, ladder, Bracing & Railing	44	With Blasting & Painting
8	Thermax Limited, Pune	Rastriya Is path Nigam Limited	FD fan to APH bypass duct	21	With Blasting Zinc Silicate & HR Aluminium paint
9	Thermax Limited, Pune	Rastriya Is path Nigam Limited	Columns	54	With Blasting & 3 coat of paint system
10	Hem rues Industries Ltd.	Chand gad, Dist. Kolhapur	SS and MS Pipe line	254	Dismantling, Fabrication & Erection job work
11	Larsen & Toubro Ltd.	Coimbatore	Test station for Nuclear plant	42	Supply to Nuclear plan with Hydrotested at 240 bar
12	Thermax Limited, Pune	Nova 'spat Ltd., Calcutta	Hopper Assembly	11	Fabrication & painting
13	Indo Count Industries Ltd.	Kangal, Kolhapur	55316 Foot Assembly	5	SS fabrication
14	Adinatha CNC Egg. Works	Hatkanangale, Kolhapur	Profile cutting- End cap	18	Profile cutting
15	Thermax Limited, Pune	Bhima Shankar 55K Ltd.	Travelgate Assembly	32	Supply of Travelling grate with shaft & sprocket assembly
16	Thermax Limited, Pune	Thong Bio Power Company, Thailand	Travelgate assembly	32	Supply of Travelling grate along with Blasting, painting & Export Packing
17	Thermax Limited, Pune	Coromandel Sugars Ltd.	Travelgate & front plate assembly	32	Supply of Travelling grate with shaft & sprocket assembly
18	Thermax Limited, Pune	Reliance Industries Ltd., Dame	Wind Box Assembly	21	Fabrication & painting
19	Synergy Green Industries Pt. Ltd.	Kangal, Kolhapur	Mould boxes for steel foundry	85	Fabrication & painting
20	Thermax Limited, Pune	Nova Ispat Ltd., Calcutta	Etoile to Eco duct	14	Fabrication, blasting & painting
21	Thermax Limited, Pune	Foster Wheeler	Heater Casing Assembly	60	Single job of 27 m length x 8 m Width for Export
22	ThyssenKrupp	Shah SSK, Kolhapur	40000 Litre. storage tank	7	Tank Assembly
23	Shri Renuka Sugar Limited	A,thani,Karnataka plant	50000 Litre Storage tank	12	Tank Assembly
24	Shri Renuka Sugar Limited	Athani,Karnataka plant	20000 Litre Strorage tank	4	Tank Assembly
25	Thermax Limited, Pune	Godrej Agrovet Limited	Pusher Grate Assembly	12	Pusher Grate Fabrication,Machining & Assembly
26	Thermax Limited, Pune	Shalivahana Green Energy Ltd.	Pusher Grate Assembly	34	Pusher Grate Fabrication,Machining & Assembly
27	Alfa Laval	Alfa Laval	Condensate Tank	20	MS Tank with Painting



STRUCTURAL STEEL FABRICATION

PLATE FABRICATED GIRDERS



PLATE FABRICATED COLUMNS



PLATE FABRICATED HEAVY COLUMNS



CEILING GIRDER



PLATE FABRICATED COLUMNS



PLATE FABRICATED HEAVY COLUMNS



COLUMNS WITH BLASTING AND PAINTING



INDUSTRIAL FABRICATED COMPONENTS

FABRICATED DUCT ASSEMBLY



MITER BEND AND ROUND DUCT ASSEMBLY



ROUND DUCTING WITH STIFFNERS



FUEL FEEDING CHUTE ASSEMBLY



FABRICATED ROUND DUCT ASSEMBLY



ROUND DUCT ASSEMBLY



ECONOMIZER CASING STRUCTURE



SPECIAL EQUIPMENTS FABRICATION

TRAVELLING GRATE ASSEMBLY RUNNING TRAIL



PUSHER GRATE ASSEMBLY



HEATER ASSEMBLY FOR EXPORT PROJECT



PUSHER GRATE ASSEMBLY RUNNING TRAIL



SPECIAL EQUIPMENTS FABRICATION

CHIMNEY SUPPORTING STRUCTURE



FUEL FEEDING CHUTE ASSEMBLY



CONDENSATE TANK ASSEMBLY



CYCLONE ASSEMBLY FOR MINING PROJECT



SPECIAL PURPOSE FABRICATED PRODUCTS

AIR FLOW MEASURING DEVICE



FABRICATED SLIDING GATES



EXPANSION JOINTS / EXPANSION BELLOWS



OIL COOLER ASSEMBLY WITH PRESSURE TEST



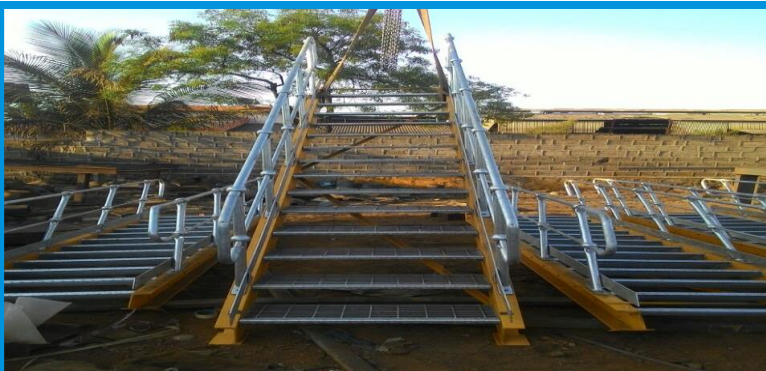
BALL TYPE RAILINGS PROTO JOB



BALL TYPE RAILINGS POSTS



STAIRCASE GRATING & RAILINGS ASSEMBLY



STAIRCASE ,GRATING & BALL RAILINGS ASSEMBLY



EXPORT PACKING / SHIPMENTS / CONTAINER / DISPATCHES

GIRDERS WITH EXPORT PACKING



BOX GIRDERS WITH EXPORT PACKING



CONTAINER LOADING AND STUFFING



BOX PACKING FOR EXPORT RAILINGS



STEEL PACKING FOR EXPORT EQUIPMENT



STEEL PACKING FOR EXPORT EQUIPMENT



BOX PACKING FOR EXPORT EQUIPMENT



SPECIAL PACKING FOR EXPORT EQUIPMENT



MANUFACTURING FACILITIES**AUTO BEAM WELDING MACHINE**

**AUTOBEAM WELDING MACHINE
FOR COLUMNS AND GIRDER
FABRICATION**

MECHANICAL PRESS

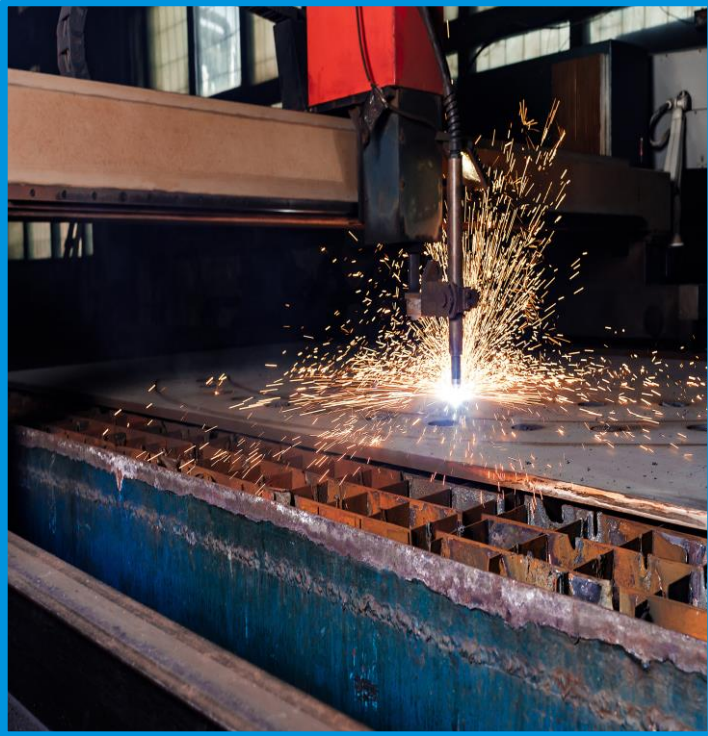
**MECHANICAL PRESS FOR
PUNCHING AND BENDING**

SHEARING MACHINE

**SHEARING MACHINE FOR PLATE CUTTING UP TO 10 MM AND
6.7 METER LENGTH.**

MANUFACTURING FACILITIES

CNC PLASMA CUTTING



CNC PLASMA MACHINE FOR
BASEPLATE AND STAINLESS STEEL
CUTTING

HYDRAULIC POINT PRESS



HYDRAULIC POINT PRESS FOR
DISHED END AND CONE BENDING

PLATE ROLLING MACHINE



PLATE ROLLING MACHINE FOR PLATE ROLLING

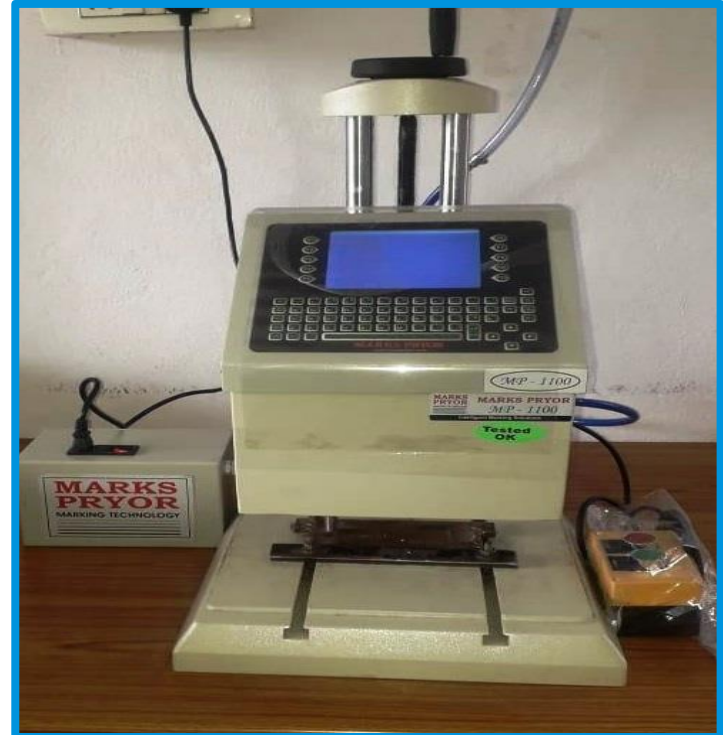
MANUFACTURING FACILITIES

SAW WELDING MACHINE



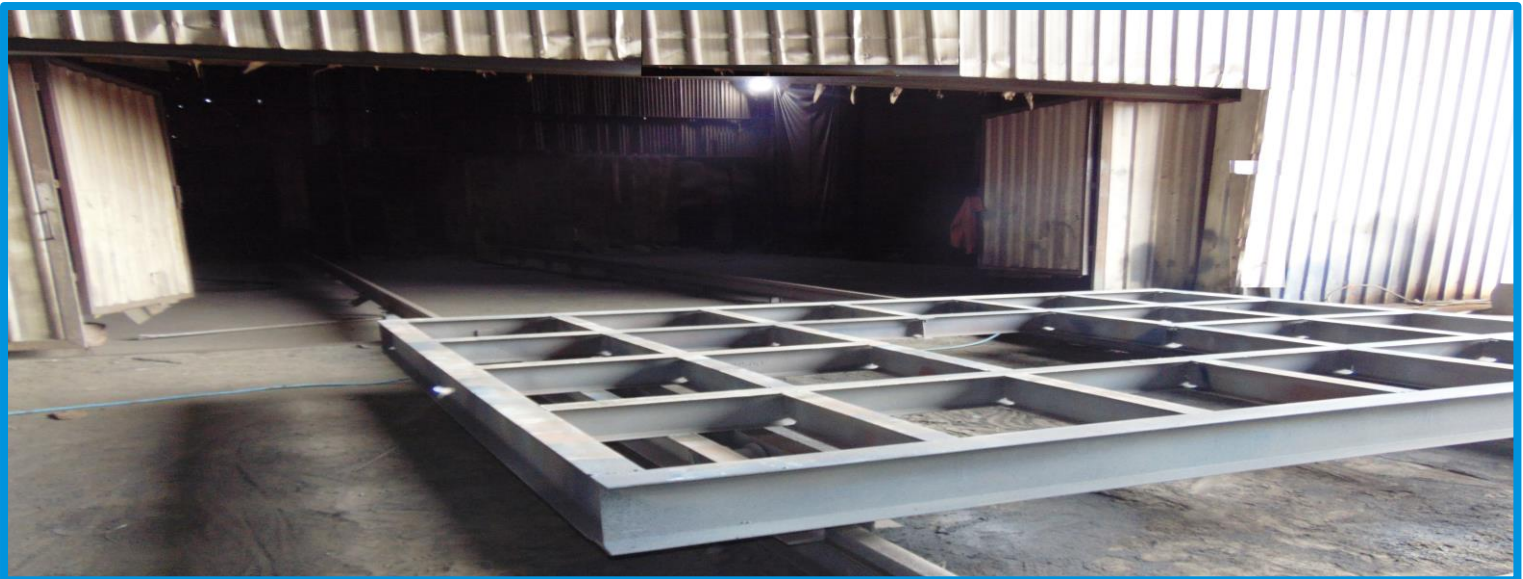
**SAW WELDING MACHINE FOR
FABRICATED BEAMS AND GIRDERS**

NUMBER PUNCHING MACHINE



**NUMBER PUNCHING MACHINE FOR
UNIFORM MARKING ON JOBS**

BLASTING BOOTH WITH TROLLEY



**BLASTING BOOTH WITH TROLLEY FOR EASE IN
HANDLING**



MANUFACTURING FACILITIES

LATHE AND THREADING MACHINES



**SPECIAL PURPOSE MACHINE FOR
THREADING UP TO 110 MM DIA**

AUTOMATIC PIPE BENDING MACHINE



**SEMI AUTOMATIC PIPE BENDING
MACHINE FOR PIPE BENDING**

PAINTING BOOTH WITH AIRLESS GUN



**COVERED PAINTING BOOTH WITH AIRLESS GUN AND
PLATFORMS FOR PAINTING**



MANUFACTURING UNIT



**UNIT 01 : SPECIALLY DESIGNED FOR PLATE
FABRICATION WORK FABRICATION UNIT WITH OVER
HEAD CRANES , AUTO BEAM WELDING , PLASMA ,
SHEARING MACHINE AND MECHANICAL PRESS**



MANUFACTURING UNIT



UNIT 02 : SPECIALLY DESIGNED FOR SPECIAL PURPOSE PRODUCTS AND EQUIPMENTS FABRICATION UNIT WITH OVER HEAD CRANES SAW WELDING , PLASMA MACHINE



MANUFACTURING FACILITIES**MANUFACTURING UNIT**

**UNIT 02 : SPECIALLY DESIGNED FOR SPECIAL
PURPOSE PRODUCTS AND EQUIPMENTS FABRICATION
UNIT WITH OVER HEAD CRANES, POINT PRESS , SAW
MACHINE AND BENDING MACHINE**



MANUFACTURING FACILITIES

MANUFACTURING UNIT



UNIT 02 : SPECIALLY DESIGNED FOR SPECIAL PURPOSE PRODUCTS AND EQUIPMENTS



MANUFACTURING UNIT



UNIT 03 : SPECIALLY DESIGNED FOR HEAVY FABRICATION WORK . FABRICATION UNIT WITH OVER HEAD CRANES ,SAW WELDING , CNC PLASMA MACHINE , PRESS , BLASTING PAINTING AND EXPORT PACKING FACILITY



MANUFACTURING FACILITIES

MANUFACTURING UNIT



**UNIT 03 : WITH BLASTING AND PAINTING BOOTH AND
EXPORT PACKING FACILITY**



MANUFACTURING FACILITIES**MANUFACTURING UNIT**

**UNIT 03 : SPECIALLY DESIGNED FOR HEAVY
FABRICATION WORK . FABRICATION UNIT WITH OVER
HEAD CRANES ,SAW WELDING , CNC PLASMA MACHINE
, PRESS , BLASTING PAINTING AND EXPORT PACKING
FACILITY**



CREDENTIALS

District Award By Government Of Maharashtra



Glory Certificate By Government Of Maharashtra



ISO 9001 :2015 CERTIFICATE



OUR ESTEEMED CLIENTS



Enriching Lives



EPIGRAL



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



Shree Renuka Sugars Ltd

Finolex
Cables Limited



moglix

RASS
PROJECT CONSULTANTS PVT LTD

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