Company Profile

MERSAD ENERGY

MERSAD ENERGY Petrochemical,Oil Powerplant&Gas



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Introduction to Mersad Energy

Mersad Energy, leveraging the extensive expertise and experience of its board members and staff, as well as nearly a decade of engineering-managed workshop operations, officially commenced its activities in 2013 (1392 Solar Hijri) as a designer and manufacturer of parts and equipment for the oil, gas, petrochemical, power plant, steel, and mining industries in the holy city of Mashhad.

With a knowledge-based foundation, the company underwent rigorous evaluations and successfully joined the Energy Growth Center of the Khorasan Science and Technology Park in 2017 (1396 Solar Hijri). This enabled Mersad Energy to present its engineering expertise and products to relevant industry specialists and authorities.

Managed using a cluster management model, Mersad Energy benefits from several specialized in-house workshops, which include:

Machining Workshop: Equipped with lathes, milling machines, wire-cut EDM, and cylindrical grinding machines, available in both CNC and conventional models.

Coating and Heat Treatment Workshop: Features large-scale vacuum heat treatment furnaces and metal surface coating equipment, such as HVOF and plasma spray systems, for enhancing component durability through surface strengthening.

Sheet Metal Workshop: Includes hydraulic and impact presses, as well as heavy rolling equipment, for producing large-scale items like gas transfer strainers, turbine combustion chambers, cylindrical silencers, and stainless steel tanks.

Welding and Assembly Workshop: Fitted with TIG (Argon) welding, MIG/MAG welding equipment, and other related tools.



Field of Activity

Mersad Energy, leveraging its experience in major overhaul projects of gas turbines and centrifugal compressors, expertise in reverse engineering of industrial components, and the assembly of an efficient engineering team, succeeded in obtaining a license for manufacturing spare parts for rotating equipment (with a focus on turbine and compressor components) from the Khorasan Science and Technology Park in 2019.

The output of this team has been the reverse engineering and production of nearly 600 spare part items for the following brands:

- General Electric (GEF5, GEF6, GEF9)
- Nuovo Pignone (MS 5002D, MS 5002C)
- Hitachi (F5, H25)
- Alstom (F5, DLN 1)
- Rolls Royce (AVON)
- Ansaldo (V94.2 - SGT400 - SGT600)
- Simense
- AEG
- Zorya (DU-80)
- Kraft (V.93)
- Solar (Centaur)
- Mitsubishi (701-B & D)
- Westinghouse
- Sulzer

Vendor List

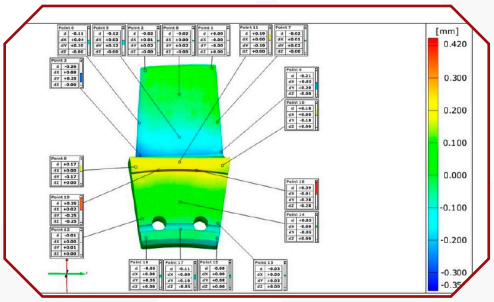
Ministry of Petroleum	Arvand Petrochemical Company
Fajr Jam Oil Refinery	Nouri Petrochemical Company
Bandar Abbas Oil Refinery	Shahid Tondgouyan Petrochemical Company
Tehran Oil Refinery	Khorasan Petrochemical Company
Tabriz Oil Refinery	Maroun Petrochemical Company
Ilam Petrochemical Company	Khark Petrochemical Company
Mobin Petrochemical Company	Arya Sasol Polymer Company
Fajr Petrochemical Company	Amir Kabir Petrochemical Company
Pars Petrochemical Company	Zagros Petrochemical Company
Bu Ali Sina Petrochemical Company	National Iranian Copper Industries Company
Jam Petrochemical Company	

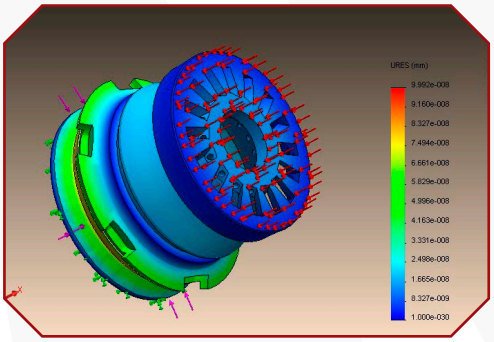
- Major Gas Power Plants of the Country
- Mobarakeh Steel Company (Isfahan)
- Khuzestan Steel Company
- Jahane Foulad Sirjan
- Khorasan Steel Company

Services and Capabilities

Reverse Engineering and Data Analysis







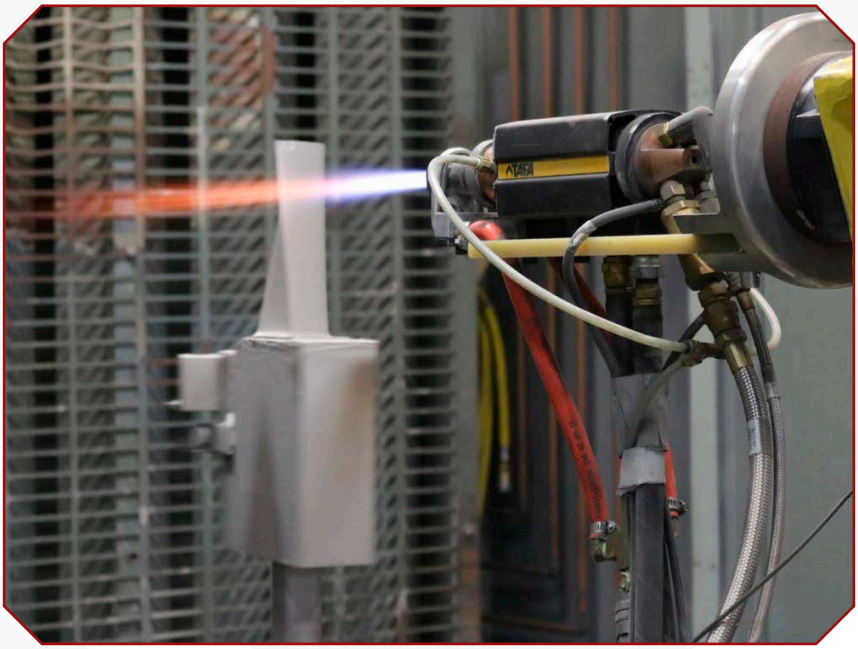
Specialized Welding







HVOF and Plasma Spray Coating



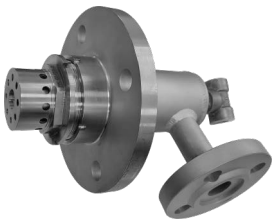
Vacuum Heat Treatment



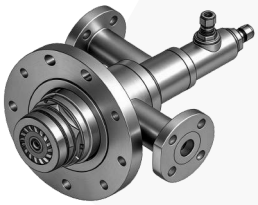
Products

- Manufacturing of Gas Turbine Fuel Nozzles
- Manufacturing and Refurbishment of Gas Turbine Combustion Chambers
- Manufacturing of Hot Section Components for Gas Turbines
- Manufacturing of Various Labyrinth Seals and Deflectors for Turbines and Compressors
- Manufacturing of Other Consumable Parts for Turbines, Pumps, and Compressors

Fuel Nozzle ASSY Hitachi-F5



Fuel Nozzle ASSY GE-F6



Fuel Nozzle ASSY GE-F9



Fuel Nozzle ASSY Hitachi-H25



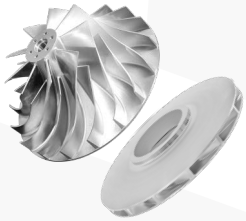
Fuel Nozzle ASSY Mitsubishi-701



Liquid Fuel Nozzle Ansaldo



Impeller



Compressor Blade



Fuel Nozzle DLN Hitachi-H25



Stud Bolt & Nut Coupling GE-F9



Shroud Segment



Injection Core Filter F5



Combustion Chamber Hitachi-H25



Combustion Chamber Sulzer-S7



Combustion Chamber GE-F5



End Seal



Combustion Chamber GE-F6



Inner & Outer Floating Seal Transition Peice



IGV Rack



Labyrinth Seals



Bearing Seal



Lock Plate T.P-F5



Chocke Valve



Transition Piece



Consumables



Transition Piece Hardware



Consumables

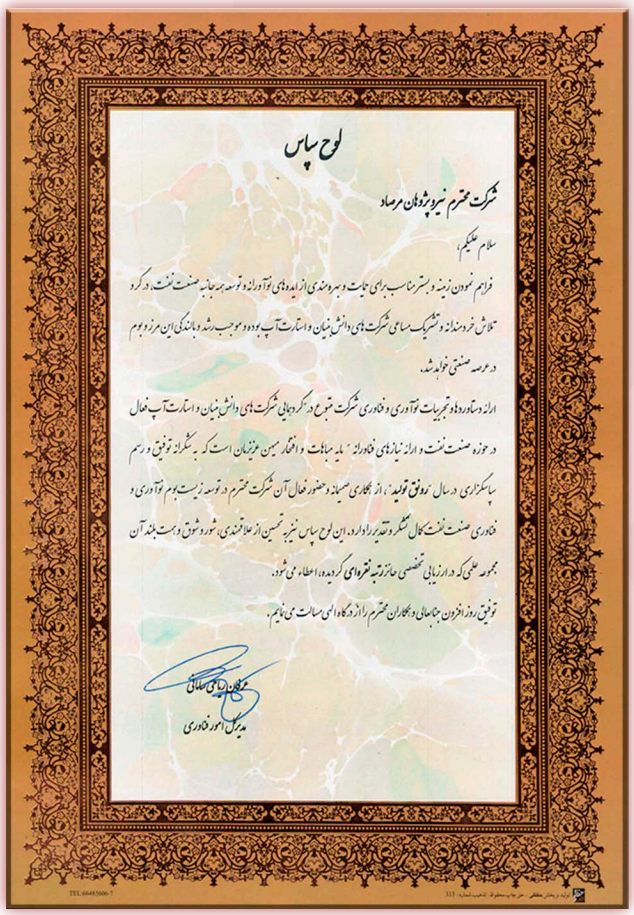


Fuel Nozzle Tip GE-F6	X-Fire (male & female), Cross Fire Tube, Retainer	Bucket Hardware
		
Injector Fuel Nozzle GE-F5	Swirler & Casing Mitsubishi-701	Liquid Fuel Nozzle Hitachi-H25
		
Tip Nozzle Cap Hitachi-F5	Tip Nozzle Cap Hitachi-H25	Tip Nozzle Cap GE-F6
		
Tip Nozzle Cap GE-F5	Tip Nozzle Cap GE-F9	
		

Certificates of Appreciation

Receiving a Letter of Gratitude and the Silver Ranking in the specialized evaluation by the Ministry of Petroleum (Petroleum Industry Research Institute, 2019).

Receiving a Certificate of Appreciation from the South Fars Power Generation Management Company for developing the technology and manufacturing fuel nozzles (injectors) for Hitachi and Alstom gas turbines.



لوح سپاس

شرکت محترم نیروپژوهان مرصاد

سلام علیکم،

فراهم نمودن زمینه و بستر مناسب برای جامعت و بهره مندی از ایده های نوآورانه توسط جوانان صنعت نفت، در گرو تلاش خردمندانه و تشریک مساعی شرکت های دانش بنیان و استارت آپ بوده و موجب رشد و ماندگی این مرز و بوم در عرصه صنعتی خواهد شد.

ارزشمند و تجربیات نوآوری و فناوری شرکت متبوع در کنار چابکی شرکت های دانش بنیان و استارت آپ فعال در حوزه صنعت نفت و ارائه نیازهای فناورانه، مایه مباهات و افتخار همین عزیزان است که به شکرانه توفیق و رسم سپاسگزاری در سال "رونق تولید"، از همکاری صمیمانه و حضور فعال آن شرکت محترم در توسعه زیست بوم نوآوری و فناوری صنعت نفت کمال تشکر و تقدیر را دارد. این لوح سپاس نیز به تحسین از علاقمندی، غرور و شوق و همت بلند آن مجموعه علمی که در ارزیابی تخصصی حائز رتبه قهرمانی گردیده، اهداء می شود.

توفیق روزافزون جنابعالی و همکاران محترم را از درگاه الهی مسالت می نمایم.

مدیرکل امور فناوری



بسمه تعالی

انجمن صنفی نیروگاه های کشور

مدیریت تولیدبرق جنوب فارس

جناب آقای مهندس عباس قاسم زاده مذاف

با احترام،

علم و دانش ملاک ارزشمند رشد، استقلال و پویایی یک ملت است. در سالی که به نام تولید ملی و حمایت از کار و سرمایه ایرانی نام گذاری شده است از جنابعالی جهت ارائه مقاله :

تدوین فن آوری و ساخت انژکتورهای سوخت پاش آلستوم و میتاچی

در اولین همایش

«تحقیق، ساخت، تولید و خودکفایی»

تقدیر وتشکر می شود. سربلندی و توفیق جنابعالی را در خدمت به نظام مقدس جمهوری اسلامی همراه با صحت و سلامتی از ایزد منان خواستاریم.

عباس دهقان

مدیر عامل شرکت مدیریت تولید برق جنوب فارس

Licenses & Certifications

Knowledge-Based Company License from Khorasan Science and Technology Park

License for Providing Technical and Engineering Services in the Field of Oil, Gas, and Petrochemical Equipment Manufacturing from the Ministry of Industry, Mine and Trade

Inclusion in the Vendor List of the Ministry of Petroleum


مجوز واحد فناوری

به شرکت نیرو پژوهان مرصاد

دارای شناسه ملی ۱۰۳۸۰۶۷۱۷۶۵، به استناد مصوبه پذیرش شماره ۹۸۶۰۵ مورخ ۱۳۹۸/۰۵/۰۹ و قرارداد منعقده با پارک علم و فناوری با شماره ۴۰۳/۳۶۲۱ مورخ ۱۴۰۳/۰۵/۰۸ اجازه داده می شود

در زمینه تخصصی ساخت قطعات توربین و کمپرسور

با ماموریت تدوین تکنولوژی، طراحی، ساخت و بسته سازی قطعات توربین های گازی

به عنوان واحد فناور در پارک علم و فناوری خراسان رضوی فعالیت نماید.

اعتبار این مجوز از تاریخ ۱۴۰۳/۰۱/۰۱ تا تاریخ ۱۴۰۳/۰۵/۰۹ می باشد.


پروانه فنی مهندسی


گواهی‌نامه عضویت سازندگان داخلی

در فهرست بلند منابع واحد دستگاه مرکزی وزارت نفت

Exhibitions

Tehran, Ahvaz, Asaluyeh, and Kish Oil and Gas Exhibitions

Mersad Energy Pavilion at the Kish Domestic Manufacturing Exhibition







Mobarakeh Steel Exhibition (Isfahan)





Tehran Electricity Industry Exhibition



Asaluyeh Domestic Manufacturing Exhibition



Equipment List

Row	Description
1	HVOF Metal Coating Equipment
2	Plasma Spray
3	Super Drill
4	Vacuum Welding Machines
5	TIG (Argon) Welding Machines
6	Vacuum Heat Treatment Furnace
7	Cylindrical Grinding Machines
8	ABB Robot for Coating Process
9	Electro-Etch Machine
10	3-meter Lathe
11	Milling Machine
12	CNC Milling Machine
13	Heavy-duty Drill Machine
14	Hacksaw
15	100-ton Press
16	Cooling Tower Unit
17	Sandblasting Machine
18	6000-liter Compressor
19	FPI Machine
20	Ultrasonic Degreaser
21	1000x Optical Microscope
22	Dual-plate Polishing Machine
23	Torunos 2000 Turning Machine (DEC026)
24	Japanese CNC Milling Machine
25	Hyundai CNC Lathe (Max. Diameter: 300 mm)
26	1-meter Chinese Lathe (C06230A/914)
27	60-liter Vibratory Polishing Machine (Aria Sayan Gostar)
28	Rockwell Hardness Tester (Model HRâ€“150DT)
29	Wire-Cut EDM (Working Area: 500*400*500 mm)
30	220 Mechanical Band Saw for Steel - Sad Sanat (TREX220)
31	250-Amp Argon Welding Machine
32	250-Amp Electrode Welding Machine
33	Argon Cylinder
34	Dual Manometer
35	GTAW Welding Machine
36	1000-liter Air Compressor (TC)
37	120-liter Air Compressor
38	Pneumatic Engraving Micro Milling Machine (Mahak)

Completed Projects (2020-2025)

Row	Project Description	Contracting Party	Sale Date/Status
1	Mechanical Spare Parts for Yazd Combined Cycle Power Plant Generators	East Region Electricity Generation Company	In Progress
2	Purchase of 10 Swirlers with Complete Fuel Nozzle Assembly for Hitachi H25 Turbines	Ilam Petrochemical Company	In Progress
3	Crossfire Tubes for GE F9 & DLN1 Units	Mobin Energy Persian Gulf	In Progress
4	Manufacturing of 36 Fuel Nozzle Swirlers for Mitsubishi Gas Turbines	Saba Power Plant Operation & Maintenance	1/1/2026
5	Positive Choke	East Oil & Gas Operation	In Progress
6	C.T Current Protection Half-ring	Tehran Regional Electricity Company	In Progress
7	Mechanical Parts for Kraft G11 Generator	Yazd Electricity Production Management	1/1/2026
8	GE F5 Turbine Pin Fin and Lock Plate	Shariati Mashhad Electricity Production Management	5/6/2025
9	Complete Set of Moving Row 3 Pin Fins for GE F9 Turbine	Fars Electricity Production & Operation Management	2/4/2025
10	Alstom Generator End Seal	Yazd Electricity Production Management	1/20/2025
11	GE F9 Turbine Atomizing Air Cap	MAPNA Operation & Maintenance (Neyshabur Power Plant)	1/8/2025
12	One Complete Set of GE F9 Fuel Injectors - One Complete Set of GE F5 Fuel Injectors	Shariati Mashhad Electricity Production Management	10/19/2024
13	Combustion Chamber Parts (Crescent Seals Fuel Nozzle Rings etc.) for GE F9 Gas Turbine	West Azerbaijan Electricity Production Management	10/12/2024
14	2 & 3 Locking Pins for GE F9 Turbine Blades	Shariati Mashhad Electricity Production Management	10/10/2024
15	T.P. End Seal for GE F9 Turbine	Fars Electricity Production & Operation Management	9/30/2024
16	Transition Piece Radial Seal for GE F9 Turbine	West Azerbaijan Electricity Production Management	9/27/2024
17	GE F9 Turbine-to-Load Coupling Bolts	Shariati Mashhad Electricity Production Management	9/20/2024
18	GE F5 Turbine Moving Blade Pin	Shariati Mashhad Electricity Production Management	9/16/2024
19	GE F5 Turbine Blade Pin	Kish Water & Electricity Company	9/15/2024
20	GE F5 Turbine Gas Cap	Shams Sarakhs Electricity Generation	8/21/2024
21	Row 2 Blade Lock Pin for GE F5 Gas Turbine	Raad Iranian Equipment Repair (Tetra)	5/13/2024
22	GE F6 Turbine Gas Fuel Nozzle (Cap)	Kish Water & Electricity Company	4/17/2024
23	GE F6 Gas Turbine Liquid Fuel Injector Nozzle	Zahidan Electricity Production Management	3/18/2024
24	14 Units of Transition Piece End Seals	Yazd Electricity Production Management	3/16/2024
25	126 Units of Alstom Transition Piece End Seals	Yazd Electricity Production Management	2/28/2024
26	Small Crescent Seal - Large Crescent Seal	Shariati Mashhad Electricity Production Management	11/29/2023
27	Stage 1 Blade Pin Seal	Abadan Electricity Generation Company	11/29/2023
28	GCV Valve Cylinder - SRV Valve Cylinder	MAPNA Operation & Maintenance (Abadan Power Plant)	11/13/2023
29	Transition Piece Inner Outer & Radial Seals - Fuel Nozzle Ring - Seal Holder	West Azerbaijan Electricity Production Management	11/12/2023
30	Transition Piece End Seal for GE F5 Gas Turbine Unit	Kish Water & Electricity Company	11/12/2023
31	GE F9 Gas Cap - GE F9 Atomizing Air Cap	MAPNA Operation & Maintenance (Neyshabur Power Plant)	11/12/2023
32	GE F9 Small & Large Transition Plate Seal	Shariati Mashhad Electricity Production Management	11/7/2023
33	T/P Transition Piece End Seal	Fars Electricity Production & Operation Management	11/7/2023

Row	Project Description	Contracting Party	Sale Date/Status
34	Transition Piece Collar Screws - Short Transition Piece Screws - Transition Piece Support Screws	Fars Electricity Production & Operation Management	10/25/2023
35	L-shaped and U-shaped Claw Locks	Shariati Mashhad Electricity Production Management	10/11/2023
36	GE F9 Transition Piece Holder Collar	Shariati Mashhad Electricity Production Management	10/10/2023
37	Locking Pin, Blade Lock Ring, Lock Ring Pin	Kish Water & Electricity Company	8/27/2023
38	GE F9 Turbine Tip Nozzle (Gas Cap)	Abadan Electricity Generation Company	7/31/2023
39	Transition End Seal, Solar Lock Plate for End Seal and Transition	Kish Water & Electricity Company	6/16/2023
40	Manufacturing of End Seals (New Design) for GE F9 Gas Units	Shahid Rajaei Electricity Production Management	6/7/2023
41	GE F9 Turbine Tip Nozzle (Gas Cap)	Abadan Electricity Generation Company	4/5/2023
42	GE F5 Gas Unit Fuel Nozzle Gas Cap	Kish Water & Electricity Company	2/5/2023
43	2 Sets of Gas Caps for GE F9 Gas Units	MAPNA Operation & Maintenance (Neyshabur Power Plant)	1/31/2023
44	One Set of Row 1 Blade Lock Pins for GE F5	Farnad Sanat Omran-e Kavir	1/16/2023
45	2 Sets of Gas Caps and 2 Sets of Atomizing Air Caps for GE F9 Gas Units	MAPNA Operation & Maintenance (Neyshabur Power Plant)	11/28/2022
46	Hitachi Turbine Injector Gas Cap	Shariati Mashhad Electricity Production Management	10/18/2022
47	GE F5 Turbine Shroud Segment Pins	Shariati Mashhad Electricity Production Management	10/16/2022
48	Row 1 Shroud Segment Pin and Tubular Shroud Segment Pin for GE F5	Shariati Mashhad Electricity Production Management	10/10/2022
49	GE F9 Turbine Rack Gear	Shahid Rajaei Electricity Production Management	8/18/2022
50	GE F9 Turbine Transition Piece Radial Seal	West Azerbaijan Electricity Generation	7/19/2022
51	Complete Set of Row 1 Blade Pins for GE F5 Turbine	Atieh Gostar Sanabad	7/12/2022
52	Complete Set of Gas Nozzles with Swirlers for Hitachi H25 Turbine	West Region Electricity Generation Company (Kermanshah)	6/16/2022
53	Hitachi Turbine Gas Nozzle Swirlers	West Region Electricity Generation Company (Kermanshah)	6/16/2022
54	GE F9 Turbine Tip Nozzle and Core Nozzle for Injector	Shariati Mashhad Electricity Production Management	5/9/2022
55	12-Lug Coupling Nut for GE F9 Turbine	Shams Pasargad Energy Generation	4/22/2022
56	GE F9 Turbine Coupling Bolts	Shams Pasargad Energy Generation	4/11/2022
57	GE F9 Turbine Generator Coupling Bolts and Nuts	MAPNA Operation & Maintenance (Neyshabur Power Plant)	3/15/2022
58	GE F9 Turbine Fuel Nozzle Head	Pishro Tamin Sanat Ideal	3/8/2022
59	GE F9 Turbine Coupling Bolts and Nuts	Pishro Tamin Sanat Ideal	1/21/2022
60	GE F9 Turbine Transition Lock Plate	Pishro Tamin Sanat Ideal	1/2/2022
61	GE F9 Seal Plate Collar Screws	Shariati Mashhad Electricity Production Management	12/31/2021
62	AEG Turbine Injector Flame Deflector	East Azerbaijan Electricity Generation	12/31/2021
63	GE F9 Gas Turbine Hot Gas Path Parts	Mobin Energy Persian Gulf	12/26/2021
64	GE F9 Turbine IGV Rack	Fars Power Plant Generation Commerce	12/12/2021
65	GE F9 Turbine Load Coupling Bolts	Fajr Energy Persian Gulf	11/22/2021
66	GE F9 Turbine Crossfire Tube	Mobin Energy Persian Gulf	11/21/2021
67	Hitachi Turbine Crossfire Tube	Shariati Mashhad Electricity Production Management	11/19/2021
68	Hitachi Turbine Crossfire Tube	Shariati Mashhad Electricity Production Management	11/19/2021

Row	Project Description	Contracting Party	Sale Date/Status
69	Hitachi Turbine Crossfire Tube	Shariati Mashhad Electricity Production Management	11/13/2021
70	Crossfire Tube Guide Shoe	Shariati Mashhad Electricity Production Management	11/2/2021
71	GE F5 Crossfire Tube Guide Shoe	Shams Pasargad Energy Generation	11/2/2021
72	GE F9 Turbine IGV Rack	West Azerbaijan Electricity Generation	10/9/2021
73	GE F9 Turbine Bearing Seal	Shahid Rajaei Electricity Production Management	5/16/2021
74	Bearing Air Seal No. 3 for GE F9 Turbine	West Azerbaijan Electricity Generation	5/1/2021
75	GE F9 Turbine Crossfire Tube	Yazd Electricity Production Management	3/31/2021
76	T.P. End Seal, Crossfire Tube (Male & Female)	Yazd Electricity Production Management	3/14/2021
77	Gas Turbine Screw Parts	Bandar Abbas Oil Refinery	1/19/2021
78	Row 3 Blade Lock Pin and Row 1 Blade Radial Pin for GE F9 Turbine	MAPNA Operation & Maintenance (Neyshabur Power Plant)	10/25/2020
79	Hitachi Turbine Injector Cap	Shariati Mashhad Electricity Production Management	9/9/2020
80	GE F5 Guide Shoe and Crossfire Tube	Shariati Mashhad Electricity Production Management	9/6/2020
81	Design and Manufacturing of Vacuum Heat Treatment Furnace Body and Basket	Petro Niroo Machine Datis	8/22/2020
82	GE F9 Turbine End Seal	MAPNA Operation & Maintenance (Neyshabur Power Plant)	6/23/2020
83	Row 2 Blade Axial Pin and Locking Pin for GE F9 Turbine	MAPNA Operation & Maintenance (Neyshabur Power Plant)	6/23/2020

Client Testimonials / Satisfaction Letters

Row	Date	Project Description	Certificate / Testimonial Issuing Company
1	10/26/2015	Saba Power Plant Operation & Maintenance Company (Chabahar Combined Cycle Power Plant)	Injector Strainer (Filter) Parts for F5 Units
2	11/20/2015	Shahid Rajaei Electricity Production Management Company	VA 18 Valve Shafts and Pistons for GE F9 Gas Turbines
3	4/29/2017	Yazd Electricity Production Management Company	Crossfire Tube, Atomizing Air Fuel Nozzle, and Transition Seal for Alstom Turbine
4	11/11/2017	Shariati Mashhad Electricity Production Management Company	Fuel Nozzle (Injector Cap) for Hitachi Turbine
5	12/5/2017	Yazd Electricity Production Management Company	1. Inner & Outer Crescent Transition Piece Seals 2. Crossfire Tube (Male) 3. Crossfire Tube (Female) 4. Transition Piece Intermediate Seal (END SEAL)
6	2/7/2018	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	Manufacturing of Stud Bolts and IGV RACK for Gas Turbine
7	2/7/2018	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	Purchase of IGV RACK and Liquid Fuel Nozzle for GE F9 Turbine
8	4/21/2018	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	Rack Gear (IGV RACK) for Guide Vanes
9	4/25/2018	Fars Electricity Production & Operation Management Company	Row 1 Turbine Generator Vertical Blade Pin; Row 1 Turbine Generator Horizontal Blade Pin; Row 1 Turbine Blade Lock Pin; Row 1 Turbine Generator Base Pin
10	1/4/2019	Fars Electricity Production & Operation Management Company	Row 1 & 3 Blade Pins for GE F9 Turbine
11	1/4/2019	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	Purchase of IGV RACK for GE F9 Turbine
12	1/4/2019	Shariati Mashhad Electricity Production Management Company	Crossfire Tube for GE F9 Turbine
13	1/4/2019	Yazd Electricity Production Management Company	Crossfire Tube, End Seal and Crescent Seal for GE F9 Turbine Transition Piece
14	2/18/2019	Shariati Mashhad Electricity Production Management Company	Hitachi (F5) Injector Caps
15	7/6/2019	Yazd Electricity Production Management Company	Generator (Load) Coupling Stud Bolt for GE F9 Turbine
16	8/16/2019	Yazd Electricity Production Management Company	16 Units of Generator (Load) Coupling Bolts & Nuts for GE F9 Turbine
17	1/19/2020	Fars Electricity Generation Company (Thermal Power Generation Holding Company)	Row 1 GE F9 Turbine Blade Pin; Row 2 GE F9 Turbine Blade Pin; Row 1 Long Shroud Segment Pin; Row 2 Short Shroud Segment Pin; Row 1 Tubular Shroud Segment Pin
18	3/4/2020	Mahan Toseyeh Tajhiz Parsian	Diesel Lance and Nozzle for Hitachi Turbine, Atomizing Fuel Nozzle, etc.
19	6/19/2020	Yazd Electricity Production Management Company	280 Items of Parts for Alstom GE F9 Turbine Including Crossfire
20	11/29/2020	Petro Niroo Machine Datis	GE Frame 9 Turbine Fuel Nozzle Spare Parts
21	10/29/2021	Shahid Rajaei Electricity Production Management Company	Rack Gear Parts for GE F9 Gas Unit Guide Vanes
22	12/13/2021	Shariati Mashhad Electricity Production Management Company	Crossfire Tube and Crossfire Guide Shoe for Hitachi & GE F9 Turbines; Complete Set of Row 1 & 2 Blade Pins for Hitachi GE F9 Turbine; Complete Set of Row 1 Blade Pins for Hitachi GE F9 Turbine
23	1/16/2022	Bandar Abbas Oil Refining Company	Gas Turbine Screw Part - RHS-9842005-BA
24	12/6/2022	East Azerbaijan Electricity Production Management Company	Fuel Injector Flame Deflector (Gas Cap) for AEG Turbine
25	9/26/2022	Pishro Tamin Sanat Ideal	GE F9 Load Coupling Bolts & Nuts; GE F9 Gas Cap or Tip Nozzle; Haynes 230 Radial Seal; Transition Collar

Row	Date	Project Description	Certificate / Testimonial Issuing Company
26	9/27/2022	Shahid Rajaei Electricity Production Management Company	BEARING SEAL for GE F9 Gas Units
27	9/30/2022	Yazd Electricity Production Management Company	Crossfire Tube and Transition Piece End Seals Made of Haynes 230 for GE F9 Generators
28	10/10/2022	Fars Electricity Generation Company	GE F9 End Seal; GE F9 Transition Piece Crescent Seal; Complete Set of Row 2 & 3 Blade Pins for GE F9
29	10/12/2022	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	Side Seal (End Seal); Turbine Rack Gear; Complete Set of Gas Turbine Blade Pins
30	10/12/2022	Fars Electricity Generation Company	Complete Set of Row 1 & 2 Blade Pins for F5 Turbine; Set of Row 1 & 2 Shroud Segment Pins for F5 Turbine
31	10/12/2022	Shariati Mashhad Electricity Production Management Company	Hitachi F5 Turbine Crossfire Tube; Hitachi F5 Turbine Crossfire Guide Shoe; Set of Row 1 Blade Pins for F9; Hitachi F5 Turbine Transition Plate Seal; Complete Set of Row 1 & 2 Blade Pins for Hitachi F5
32	10/26/2022	Shariati Mashhad Electricity Production Management Company	Manufacturing of 30 Crossfire Tubes for Frame 5 Turbine
33	11/6/2022	Shams Pasargad Electricity Generation Company (Shariati Mashhad)	Hitachi F5 Turbine Crossfire Tube; Hitachi F5 Turbine Crossfire Guide Shoe; Set of Row 1 Blade Pins for F9; Hitachi F5 Turbine Transition Plate Seal; Complete Set of Row 1 & 2 Blade Pins for Hitachi F5
34	12/8/2022	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	One Set of Generator Coupling Bolts Made of Stainless Steel 1.4923
35	7/7/2021	Fajr Energy Persian Gulf Company	GE Generator Coupling Bolts & Nuts
36	1/2/2022	Fars Power Plant Generation Commerce Company	IGV RACK for GE F9 Turbine
37	6/23/2021	West Region Electricity Generation Company	Gas Nozzles with Swirlers for Gas Turbines
38	11/28/2021	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	Fuel Nozzle for GE F9 Turbine
39	6/2/2023	MAPNA Operation & Maintenance - Abadan Combined Cycle Power Plant	Gas Caps
40	8/11/2023	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	GE F9 Gas Cap
41	8/11/2023	MAPNA Operation & Maintenance - Neyshabur Combined Cycle Power Plant	GE F9 Gas Cap - GE F9 Atomizing Air Cap
42	8/11/2023	Shariati Mashhad Electricity Production Management Company	Row 2 F5 Turbine Blade Lock Pin; Row 2 F5 Turbine Grooved Pin; Row 1 F9 Turbine Cylindrical Pin; Row 1 F9 Turbine Tubular Pin; Row 1 F9 Turbine Flat-End Pin
43	8/11/2023	Shariati Mashhad Electricity Production Management Company	F5 Crossfire Tube - F5 Crossfire Guide Shoe
44	8/11/2023	Farnad Sanat Omran-e Kavir Company	Row 1 Blade Lock Pin for GE F5
45	2/5/2023	West Region Electricity Generation Company	Swirlers for Gas Turbine Gas Nozzles
46	7/14/2024	Abadan Combined Cycle Power Plant	Gas Fuel Caps for GE F9 Turbines
47		Abadan Combined Cycle Power Plant	Gas Fuel Caps for GE F9 Turbines
48	9/17/2024	Fajr Energy Persian Gulf Company	GE Generator Coupling Bolts & Nuts
49	2/12/2025	Shahid Rajaei Electricity Production Management Company	End Seal with New Design
50	2/12/2025	Kish Water & Electricity Company	F6 Bucket Lock Pin, Blade Lock Ring, and Lock Ring Pin
51	2/12/2025	Kish Water & Electricity Company	F6 End Seal and Lock Plate
52	2/12/2025	Kish Water & Electricity Company	F5 Fuel Nozzle Gas Cap

Row	Date	Project Description	Certificate / Testimonial Issuing Company
53	4/4/2025	Shariati Mashhad Electricity Production Management Company	Complete Set of Fuel Nozzles for F5 Gas Turbine
54	3/13/2025	Arad Tejarat Satrap Pouya	Hitachi H25 Turbine Parts
55		Zahidan Electricity Generation Company	Manufacturing and Delivery of 2 Liquid Fuel Lances with Inner Oil Tip and 2 Liquid Fuel Injectors for GE F6 Gas Turbine
56		Zahidan Electricity Generation Company	Liquid Fuel Injector for GE F6 Turbine; Liquid Fuel Lance with Inner Oil Tip for GE F6 Turbine
57		Kish Water & Electricity Company	F6 Unit Fuel Nozzle Gas Cap
58		Kish Water & Electricity Company	Row 1 F5 Moving Blade Lock Pin; Row 2 F5 Blade Lock Pin; F5 Transition Solar Lock Plate; Row 1 F5 Shroud Lock Pin
59		West Azerbaijan Electricity Production Management Company (Khoy Combined Cycle Power Plant)	Transition Piece Radial Seal (End Seal) for GE F11 Turbine
60		West Azerbaijan Electricity Production Management Company (Khoy Combined Cycle Power Plant)	GE F9 Transition Piece Radial Seal Holder; GE F9 Transition Piece Inner Seal; GE F9 Transition Piece Outer Seal; GE F9 Fuel Nozzle Ring
61		Mobin Energy Persian Gulf Company	Retainer of Crossfire Tube For GEF9 Gas Turbine; End Seal of Transition Piece For GEF9 Gas Turbine; Retainer of Transition Piece For GEF9 Gas Turbine; Support of Transition Piece For GEF9 Gas Turbine; Retainer of Crossfire Tube For GEF9 Gas Turbine (DLN1)
62		Mobin Energy Persian Gulf Company	Crossfire Tube F9 - Male; Crossfire Tube F9 - Female; Crossfire Tube - DLN1; Crossfire Tube - DLN1
63		West Azerbaijan Electricity Production Management Company (Khoy Combined Cycle Power Plant)	One Set of Gas Caps for GE F9 Gas Turbine

Certificates



TUV WORLD

Registration Certificate

This Certificate Confirms that the Management System of

Niroo Pajoohan Mersad Industrial Group Co.

Khorasan Science & Technology Park, 12Km (Mashhad – Quchan Highway), Mashhad, Iran

Have been audited and approved by TUV WORLD To the Following Standard or Guideline:

ISO 9001:2015
Quality Management System

The approved management system applies to the following scopes:

Manufacturing , Repair and Supply Spare Parts & Equipment For
Oil - Gas - Petrochemical - Power Plant & Cement Industries

Original Approval: 17 December 2021
First Surveillanc: 17 December 2023
Certificate Expiry: 17 December 2025
Certificate Number: 90317226

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ISO 9001:2015
(Quality Management System)



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HSE-MS
Health , Safety Environmental Management System

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Oil - Gas - Petrochemical - Power Plant & Cement Industries

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ISO HSE-MS
(Health, Safety and Environment Management System)