

Registered Post

Tele :011-24196949
E-mail: dqawp@navy.gov.in
Web :dgqadefence.gov.in



Government of India
Ministry of Defence (DGQA)
Dte of Quality Assurance (WP)
Defence Offices Complex
'B' Block, 6th Floor, Africa Avenue
Sarojini Nagar Post Office
New Delhi 110023

18017/CA&VR/DGQA/WP-TC

01 Dec 23

M/s Micro Process Controls
Plot No. 3231/3229, Phase III, Chhatral GIDC
Industrial Estate, Ta.- Kalol
Dist.- Gandhinagar, Gujarat-382789

REGISTRATION WITH DQA (WP)
M/s MICRO PROCESS CONTROLS, GANDHINAGAR, GUJARAT

1. Please refer to application for Registration of your firm with DGQA/DQA(WP).
2. Registration Certificate bearing No. **SS: DDP-Gde I - 0771(M) dated 15 Nov 2023, indicating the product/equipment, valid up to 14 Nov 2028** is enclosed herewith.
3. Kindly note that removal of your firm's name from the compendiums of registered suppliers may be ordered by Competent Authority on the following grounds: -
 - (a) If a firm fails to execute a contract, or fails to execute it satisfactorily against the specifications/ drawings.
 - (b) If a firm no longer has the technical staff or equipment considered as necessary for production of the items.
 - (c) If the firm shifts its existing premises, and in cases of complete change of management/ proprietor.
 - (d) If a firm is declared bankrupt or insolvent, or its financial position has become unsound, and in case of Limited company, it is wound up or taken into liquidation.
 - (e) If a composite vendor rating falls below 60%.
 - (f) Consignee end rejection cases where firm is at fault in supplying substandard store.
 - (g) If the firm gets embroiled in litigation and same is not informed to this Dte.
 - (h) Wrongful utilisation of Registration Certificate.

4. Please keep this Directorate informed of any change of address, constitution of firm, Machinery, ISO certification and Quality control set up etc from time to time. Firm is required to forward following on a regular basis:-

- (a) Copy of renewed lease deed/rent deed immediately on expiry of present deed in case the factory premises are not self-owned.
- (b) Immediate information if the firm gets embroiled in litigation.
- (c) Change in partnership deeds/agreements submitted by the firm at the time of registration.
- (d) Details of mergers/acquisitions, if any.

5. Please acknowledge receipt.



(M P Jadhav)
SSO-I
Dy Director (WP-TC)

Encl: As above

Copy to: (Forwarded by e-mail only)

The Quality Assurance Officer
Quality Assurance Est. (WE)
Beside Don Bosco High School
Makarpura Road
B/H Shell Petrol Pump,
ONGC-PO, Vadodara 390009

The Chief of Naval Staff
(for Cmde ME, Cmde EE, Cmde LS, Cmde PRO)
IHQ MoD(N), 'C' Wing
Sena Bhawan, New Delhi-110011

The Chief of Naval Staff
Room No.902, NDMC Building
9th Floor, Chanakya Bhavan
Chanakyapuri
New Delhi-110021

The Principle Director, ATVP
HQ, ATVP
71, Aakanksha
Shankar Vihar,
New Delhi-110010

The Chief of Naval Staff
5th Floor, Chanakya Bhavan
Africa Avenue, Chanakyapuri
New Delhi-110021

The Chief of Naval Staff
Room No.200, Integrated Headquarters,
Ministry of Defence (Navy),
Talkatora Stadium, Annexe Building
New Delhi-110001

The Commodore (Project-75)
5A, West Block – IV
R K Puram
New Delhi-110066

The Director General
Coast Guard Headquarters
National Stadium complex,
Purana Quila Road,
New Delhi-110001

The Flag Office Commanding-in-Chief
(for CSO (Tech)/CSO (P&A))
Headquarters
Western Naval Command
Mumbai

The Flag Office Commanding-in-Chief
(for CSO (Tech)/CSO (P&A))
Headquarters
Southern Naval Command
Kochi-682004

The Flag Office Commanding -in-Chief
Karnataka Naval Area
(for CSO (Tech)/CSO (P&A))
Headquarters Karnataka Naval Area
Karwar, Karnataka

The Material Superintendent
(for CPRO)
Material Organisation, Kancharapalem Post
Eastern Naval Command
Visakhapatnam -530008

The Material Superintendent
(for CPRO)
Material Organisation
C/o Navy Office, Naval Base
Karwar -581301

The Chairman- Managing Director
(for Director Ship Building)
Cochin Shipyard
Administrative Building
PO Bag No. 1653, Perumanoor (PO)
Kochi-682015

The Chairman-Managing Director
(for Director Ship Building)
Garden Reach Ship Builders &Engineers Ltd
43/46, Garden Reach Road
Kolkatta-700024

The Chief of the Naval Staff
Integrated Headquarters
Ministry of Defence (Navy)
A-33, Kailash Colony
New Delhi-110048

The Flag Office Commanding-in-Chief
(for CSO (Tech)/CSO (P&A))
Headquarters
Eastern Naval Command
Visakhapatnam-530014

The Flag Office Commanding -in-Chief
(for CSO (Tech)/CSO (P&A))
Headquarters, Port Blair

The Material Superintendent
(for CPRO)
Material Organisation
Ghatkopar (West)
Mumbai -400086

The Material Superintendent
(for CPRO)
Material Organisation
Southern Naval Command
Kochi -682004

The Material Superintendent
(for CPRO)
Material Organisation, NSD, Haddo
Port Blair

The Chairman-Managing Director
(for Director Ship Building)
Goa Shipyard Ltd, Vasco-De-Gama
Goa-403802

The Chairman- Managing Director
(for Director Ship Building)
Mazagaon Dock Limited, Dockyard Road
Mazgaon, Mumbai-400010

The Director General Naval Project
Naval Base, Visakhapatnam-530014

The Director
System Development Coordination Cell,
Defence Offices Complex
'B' Block, 1st Floor, Africa Avenue
Sarojini Nagar PO,
New Delhi-110023

The Chairman- Managing Director
(for Director Ship Building)
Hindustan Shipyard Limited,
Gandhigram (PO),
Visakhapatnam-530005

DMD Establishment
Post Box No. 2043
Secunderabad - 500003



GOVERNMENT OF INDIA

MINISTRY OF DEFENCE

DIRECTORATE GENERAL OF QUALITY ASSURANCE

DIRECTORATE OF QUALITY ASSURANCE (WARSHIP PROJECT)

REGISTRATION CERTIFICATE

It is certified that *M/s Micro Process Controls, Plot No. 3231/3229, Phase III, Chhatral GIDC Industrial Estate, Ta.- Kalol, Dist.- Gandhinagar, Gujarat-382789* after assessment of their Manufacturing capacity/ capability for defence items has been approved for Registration vide Registration No. SS: DDP :Gde I-0771(M) dated 15 Nov 2023 and CDB No. W2305638A dated 16 Nov 2023 as follows:

(a) As a developed source and has complete resources and is manufacturing following equipment/stores/items:

S. No.	Nomenclature and details of the store(s)	MPC per shift	Specifications	Supply order if executed
	As per Annexure I			

(b) Is an undeveloped source for manufacturing the following equipment/stores/items. (SO to be placed on such firms as per chapter 15.2.1(h) and 15.10.1 (a) & (b) of DPM 2009):

S. No.	Nomenclature and details of the store(s)	PC Per Shift	Specifications

No. of items for which registered : 06 Items only

Monetary limit per annum : Rs 11.41 Crore (Rs Eleven Crore and Forty One Lak Only)

Capability of Number of Shifts : 01 Shift

Category of Registration : Design, Development & Production (DDP)

Grading of Manufacturer : I

This certificate is valid up to : 14 Nov 2028

This certificate is issued subject to conditions indicated overleaf.



Date: 01 Dec 2023

Control No. W2305638A


(Sanjay Chopra)
Cmde
Off ADGQA (WP)

CONDITIONS OF REGISTRATION

1. Please apply for renewal of registration to this Headquarters at least 90 days before expiry of this certificate.
2. Changes, if any, in address or constitution of the firm, major machinery /equipment or technology used for the items registered should be intimated to the registration authority.
3. The approving authority reserves the right to cancel this Registration Certificate.
4. The firm is required to forward following on a regular basis:-
 - (a) Copy of renewed lease deed/rent deed immediately on expiry of present deed in case the factory premises are not self-owned.
 - (b) Immediate information if the firm gets embroiled in litigation.
 - (c) Change in partnership deeds/agreements submitted by the firm at the time of registration.
 - (d) Details of mergers/acquisitions, if any.



<i>Ser</i>	<i>Nomenclature of Items (Stores)</i>	<i>Specifications</i>	<i>Monthly Production Capacity on Single Shift Basis</i>
1.	PRESSURE GAUGES (Standard Followed IS-3624, EN-873-1 & 3 and ASME 40.100)		
(a)	Bourdon Tube Operated Pressure, Vacuum & Compound Gauges		
(i)	General Purpose (Utility) Gauges	Range : Vacuum, Compound & up to 1000 kg/cm ² Dial Size: 40, 50, 63, 80, 100, 115, 150, 200, 250, 300 mm	11400 Nos.
(ii)	Industrial Weather Proof Gauges (Dry & Liquid Filled Case)	Range : Vacuum, Compound & up to 1400 kg/cm ² Dial Size: 40, 50, 63, 80, 100, 115, 150, 200 mm	14460 Nos.
(iii)	Heavy Duty Process Gauges (Dry & Liquid Filled Case) (Optional Solid Front Case Design)	Range : Vacuum, Compound & up to 3500 kg/cm ² Dial Size: 63, 80, 100, 115, 150, 200, 250, 300 mm	4800 Nos.
(iv)	Electrical Contact Gauges	Range : Vacuum, Compound & up to 1400 kg/cm ² Dial Size: 100 & 150 mm	540 Nos.
(v)	Precession Master/ Test Gauges	Range : Vacuum, Compound & up to 1400 kg/cm ² Dial Size: 150, 200 & 250 mm	250 Nos.
(b)	Low Pressure Diaphragm & Capsule Operated, Vacuum & Compound Gauges		
(i)	Capsule Type	Range : Vacuum, Compound from 100 up to 6000 mmWC Dial Size: 63, 100 & 150 mm	1075 Nos.
(ii)	Low Pressure Diaphragm Type	Range : Vacuum, Compound from 100 up to 6000 mmWC Dial Size: 100, 150, 200 & 250 mm	800 Nos.
(iii)	Schaffer Diaphragm Type	Range : Vacuum, Compound, -1 to 21 kg/cm ² Dial Size: 100 & 150 mm	625 Nos.
(c)	Diaphragm Sealed Gauges (Direct & Remote Reading Type)		
(i)	Direct & Remote Sealed Threaded/ Flanged Connection	Range : Vacuum, Compound & up to 1000 kg/cm ² Dial Size: 63, 100 & 150 mm	1280 Nos.
(ii)	Sanitary Connection	Range : Vacuum, Compound & up to 70 kg/cm ² Dial Size: 63, 100 & 150 mm	750 Nos.
(iii)	DN-48 Connection	Range : Vacuum, Compound & up to 40 kg/cm ² Dial Size: 100 & 150 mm	45 Nos.
(iv)	Homogenizer/ Mud Connection	Range : 0 to 400 & 1000 kg/cm ² Dial Size: 100 & 150 mm	55 Nos.



(d)	Differential Gauges		
(i)	Diaphragm Operated	Range : Vacuum, Compound, 250 up to 6000 mmWC up to 21 kg/cm ² Dial Size: 100 & 150 mm	525 Nos.
(ii)	Bourdon Tube Operated	Range : Vacuum, Compound up to 25 kg/cm ² Dial Size: 150 mm	275 Nos.
(iii)	Magnetic Piston Type	Range : Minimum 5000 mmWC up to 60 kg/cm ² Dial Size: 40, 63, 100 & 150 mm	175 Nos.
(iv)	Bellow Type	Range : -1 to 21 kg/cm ² Dial Size: 150 mm	10 Nos.
(v)	Magnehelic Type	Range : 0 to $\pm$ 100 & up to 250 mm H ₂ O 0 to $\pm$ 250 & up to 1000 Pascal Dial Size: 115 mm	100 Nos.
(e)	Accessories for Pressure Measuring Instruments		
(i)	Adjustable Snubber (Pulsation Dampener)	Range : up to 1000 kg/cm ² Thread Size: $\frac{1}{4}$ ", 3/8", $\frac{1}{2}$ ", M20x1.5, $\frac{3}{4}$ " & 1" BSP/NPT	1500 Nos.
(ii)	Gauge Saver (Over Range Protector)		325 Nos.
(iii)	Needle Valve		850 Nos.
(iv)	Gauge Cock (2 Way & 3 Way)	Range : up to 100 kg/cm ² Thread Size: $\frac{1}{4}$ ", 3/8", $\frac{1}{2}$ ", M20x1.5, $\frac{3}{4}$ " & 1" BSP/NPT	1275 Nos.
(v)	Manifold (R, T and H Type)	Range : up to 400 kg/cm ² Thread Size: $\frac{1}{2}$ " NPT/ BSP	250 Nos.
(vi)	Syphon (Q, Pig tail & U Type)	Range : Pressure rating per SCH-40 & 80 Thread Size: $\frac{1}{4}$ ", 3/8", $\frac{1}{2}$ ", M20x1.5, $\frac{3}{4}$ " & 1" BSP/NPT	250 Nos.
(f)	Laboratory Testing Instruments (High Accuracy Instrument)		
(i)	Dead Weight Tester	Range : 2.5 up to 1000 kg/cm ²	02 Nos.
(ii)	Hydraulic and Pneumatic Comparison Tester Machine	Range : -1 to 35 kg/cm ² & up to 2000 kg/cm ²	07 Nos.
(iii)	Pressure Transmitter Sealed	Range : Vacuum, Compound & up to 1000 kg/cm ² Type: Pencil Contact type	50 Nos.
2.	PRESSURE & D/P SWITCHES INCLUDING VOL. SEAL (Std. Followed BS-6134 IS/IEC 60079-1)		
(a)	Weather Proof/ Flame Proof Fixed Differential Pressure Switch (MFD Series)	Vacuum, Compound & Pressure Diaphragm – 100 mmWC to 40 bar Piston Type – 60 bar to 600 bar Switch Type: 1 SPDT, 2 SPDT & 1 DPDT	375 Nos.
(b)	Weather Proof/ Flame Proof Adjustable Differential Pressure Switch (MAD Series)	Vacuum, Compound & Pressure Diaphragm – up to 40 bar Piston Type – 60 bar to 160 bar Switch Type: 1 SPDT, 2 SPDT & 1 DPDT	200 Nos.
(c)	Weather Proof/ Flame Proof Differential (Δ) Switch (MDS Series)	Vacuum, Compound & Pressure Diaphragm – 100 mmWC to 40 bar Switch Type: 1 SPDT, 2 SPDT & 1 DPDT	100 Nos.



3.	TEMPERATURE GAUGES (Standard Followed EN 13190 & ASME B40.200)		
(a)	Bi-Metal Type	Range : -30 °C to 650 °C Dial Size: 63, 100 & 150 mm	1350 Nos.
(b)	Inert Gas Filled Rigid Stem, Capillary & Electric Contact Type	Range : -30 °C to 750 °C Dial Size: 63, 100, 150, 200 & 250 mm	850 Nos.
(c)	Mercury in Steel Rigid Stem, Capillary & Electric Contact Type	Range : -30 °C to 750 °C Dial Size: 63, 100, 150, 200 & 250 mm	250 Nos.
(d)	Bar Stock Thermowell (Straight, Stepped, Tapered, Flanged)	Stem Length: 50 to 1000 mm-Bar Stock, 1000 to 2000 mm-fabricated Range: up to 10000 Psi	1150 Nos.
4.	TEMPERATURE SWITCHES (Standard Followed BS-6134 IS/IEC 60079-1)		
(a)	Weather Proof/ Flame Proof Inert Gas Filled Type	Range : 10 to 600 Deg. C Fixed and Adjustable Switch Type: 1 SPDT, 2 SPDT & 1 DPDT	75 Nos.
5.	RTD & THERMOCOUPLE (Standard Followed IS: 2806-1992 & IS: 7358-1984)		
(a)	RTD Pt-100 wire & head type Simplex & Duplex Weather Proof/ Flame Proof	Range: -200 °C up to 1600 °C Stem size: 6, 8, 10 & 12 mm Dia.	330 Nos.
(b)	J-Type (Fe-CuNi)	Range: -200 °C up to 800 °C Stem size: 6, 8, 10 & 12 mm Sheath Dia. & Length as per client required	365 Nos.
	K-Type (Nicro-Ni)	Range: -200 °C up to 1200 °C Stem size: 6, 8, 10 & 12 mm Sheath Dia. & Length as per client required	
	E-Type (Nicro-CuNi)	Range: -200 °C up to 800 °C Stem size: 6, 8, 10 & 12 mm Sheath Dia. & Length as per client required	
	T-Type (Cu -CuNi)	Range: -200 °C up to 400 °C Stem size: 6, 8, 10 & 12 mm Sheath Dia. & Length as per client required	
	N-Type (NicroSi -NiSi)	Range: -200 °C up to 1200 °C Stem size: 6, 8, 10 & 12 mm Sheath Dia. & Length as per client required	
	R-Type (Pt Rh13%-Pt)	Range: -50 °C up to 1400 °C Stem size: 6, 8, 10 & 12 mm Sheath Dia. & Length as per client required	
6.	Digital Pressure & Temperature Gauge (Standard Followed IS-3624, EN-837-1 & 3 & ASME 40.100)		
(a)	Digital Pressure & Temperature Gauge (Weather Proof/ Flame Proof)	Range: Vacuum, -1 to 1400 kg/cm ² -50 to 400°C & 0 to 1200°C Dial Size : 100 mm	30 Nos.




(Sanjay Chopra)
Cmde
Off ADGQA (WP)

Date: 01 Dec 2023