

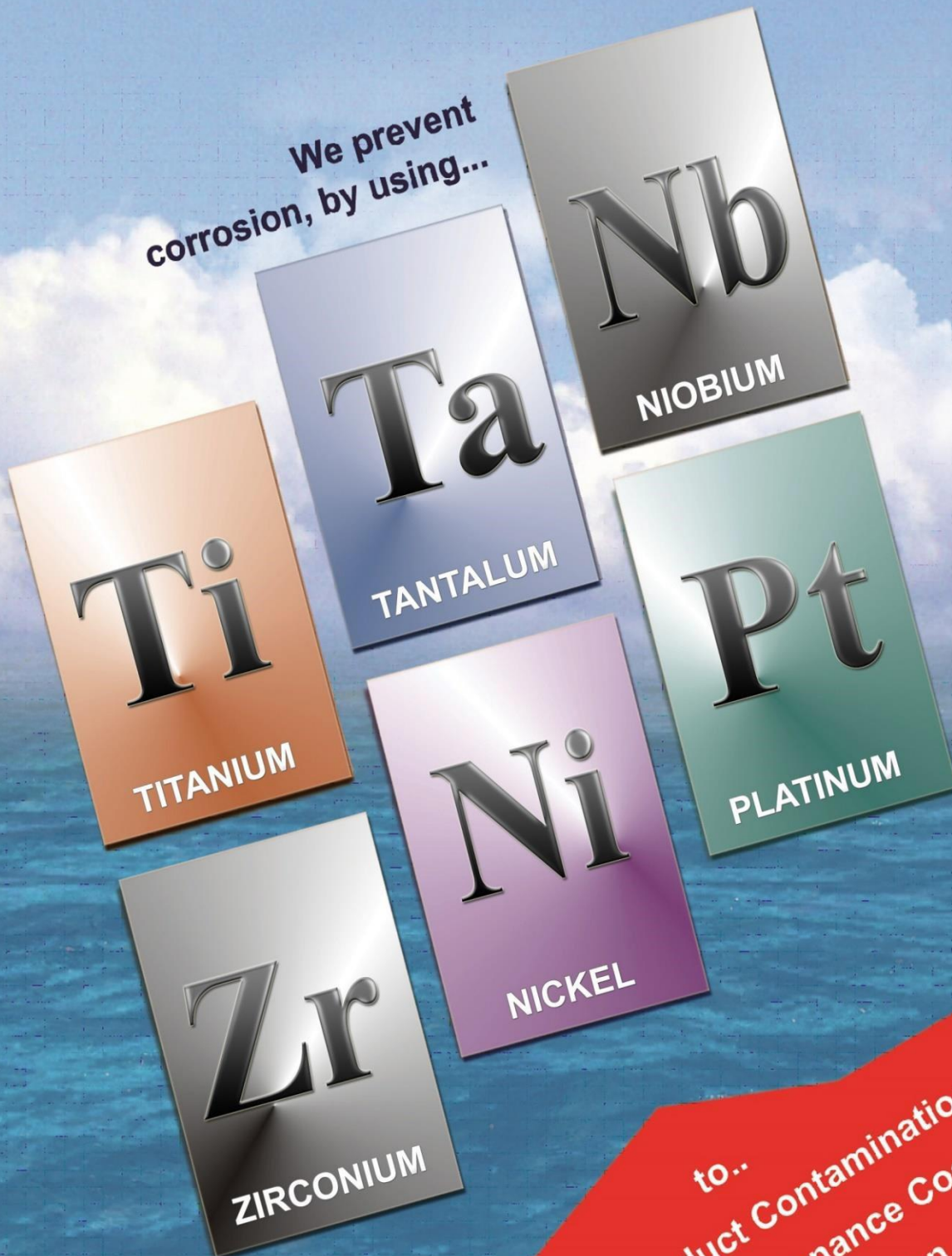
Ti Ta
Nb Zr Ss
Ni Pt

CORPORATE PROFILE

Tiaano[®]
Innovation In Inert Metals

since 1992

We prevent
corrosion, by using...



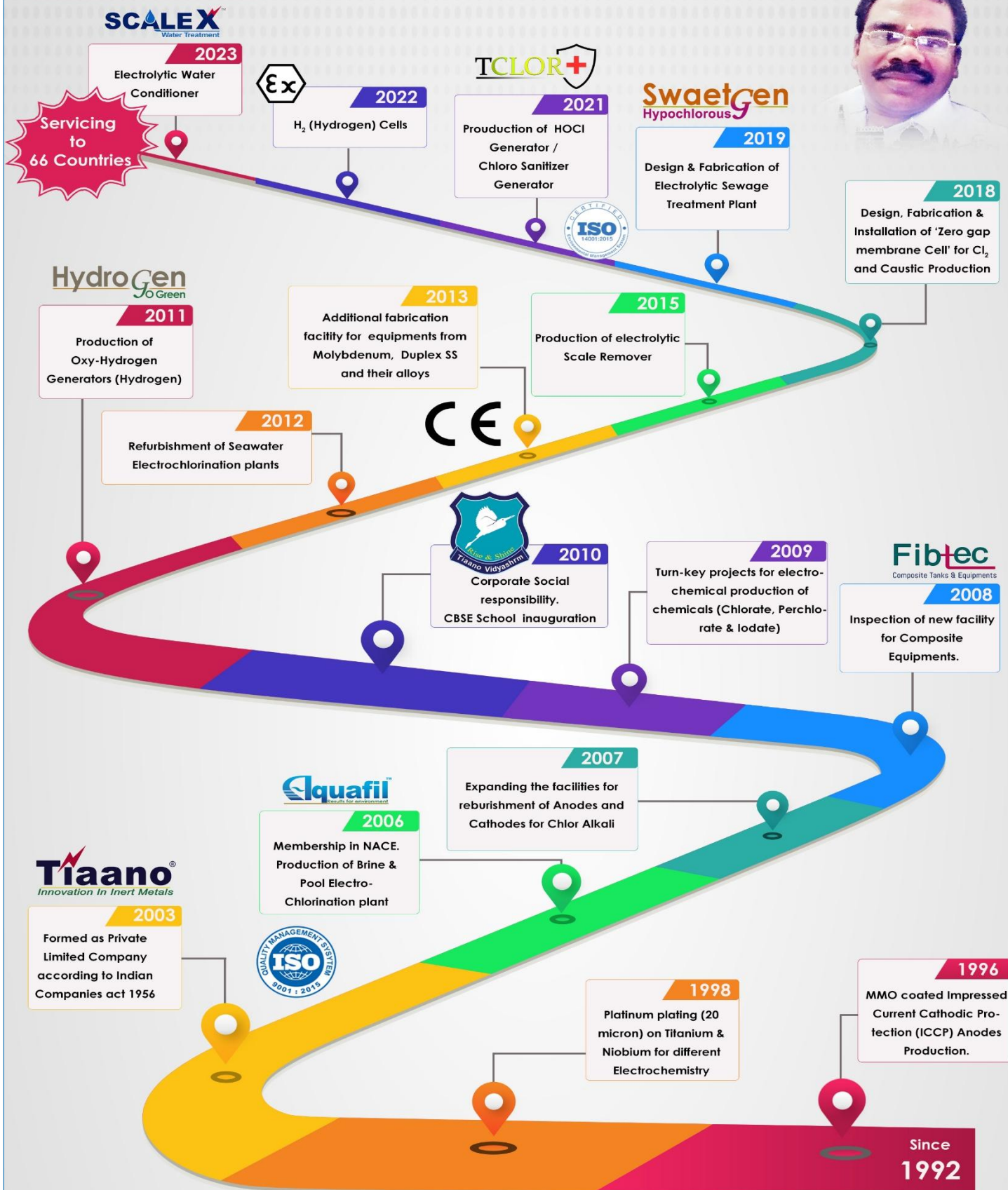
to..
Avoid Product Contamination
Reduce Maintenance Cost
Resist Corrosion
Save Power

Ti Anode Fabricators Pvt. Ltd.

'Tiaano Bhavan', No. 48, Noothanchary, Madambakkam, Chennai - 600 126, India.

Phone: +91 94445 69900, +91 91768 83999 | Email: marketing@tiaano.com | Web: www.tiinode.com

GROWTH HISTORY:



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3	Materials we Handle	06
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Ti Anode Fabricators Private Limited, Chennai, India has been established since 1992 with well-equipped latest in-plant facilities & qualified engineers....

➤ **to offer...**

Quality, Economy & On-time delivery of...

- Electro-chemical equipment.
- Engineering equipment.
- Turnkey Projects.

➤ **under single platform to....**

- **Marine, Chemical, Power, Water, Steel, Automobile, Electronics, Metal finishing & Aerospace Industries.**

➤ **by using...**

- Precious Mixed Metal Oxide of **Iridium, Ruthenium, Platinum, Palladium etc.**
- Exotic Metals like **Titanium, Tantalum, Niobium, Zirconium, Nickel and their alloys.**
- Refractory metals like **Molybdenum.**
- High Steel series like **Duplex Steels.**

➤ **to...**

- **Save power.**
- **Resist corrosion.**
- **Reduce maintenance cost &**
- **Avoid product contamination.**

Engineering & Electro - Chemical Equipments



Custom-made Engineering and Electro-Chemical equipments from Inert, Exotic, Refractory and Precious Metals.

www.tianode.com

Cathodic Protection (ICCP)



MMO & Platinised Titanium, Niobium and their copper cored Anodes for Impressed Current Cathodic Protection (ICCP)

www.cpanode.com

Electrochlorinator and Electrolyzer



Electrochlorinator Anodes and or Hastelloy Cathodes Assembly (Electrolyzer / Cell) for ElectroChlorinator.

www.ecanode.com

Electrolytic Scale Remover



Electrolytic Scale Remover for cooling tower pre- treatment of water for membrane element.

www.scaleseparator.com

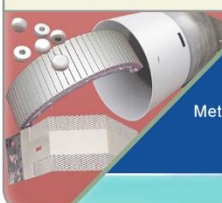
Chlor - Alkali Equipments



DSA Titanium Anodes and Nickel Cathodes brand new and refurbishment for chlor-alkali membrane cells, mercury cells and Diaphragm cells.

www.chloralkalianode.com

Platinised Anode



Platinum plated titanium, Niobium, Molybdenum, Nickel Anodes for Metal Finishing & other Electro-chemical application.

www.ptanode.com

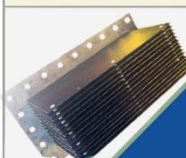
Turnkey Projects



Turnkey projects for the production of chlorate, Perchlorate, Iodate, Bromate, Chlorine and other electrochemical Production of Organic and Inorganic Chemicals.

www.tiprojects.com

Dimensionally Stable Anodes and Cathodes



Electro Painting Anodes
Chrome Anodes
Qua Water Anodes

www.tiaano.com

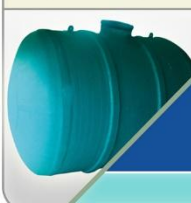
Oxy Hydrogen Generator



Oxy Hydrogen Generator and its electrolyzer for the production of HHO (Oxy Hydrogen) and Electrolytic water ionization

www.watercar.in

Composite Equipments



Composite (FRP / GRP) Equipments like storage tanks, Vessels, fittings and Mandrels for pipes.

www.fibtec.net

Online Store



Supply Chain Management portal for exotic metals like Titanium, Tantalum, Zirconium, Nickel etc..

www.tiaanostore.in

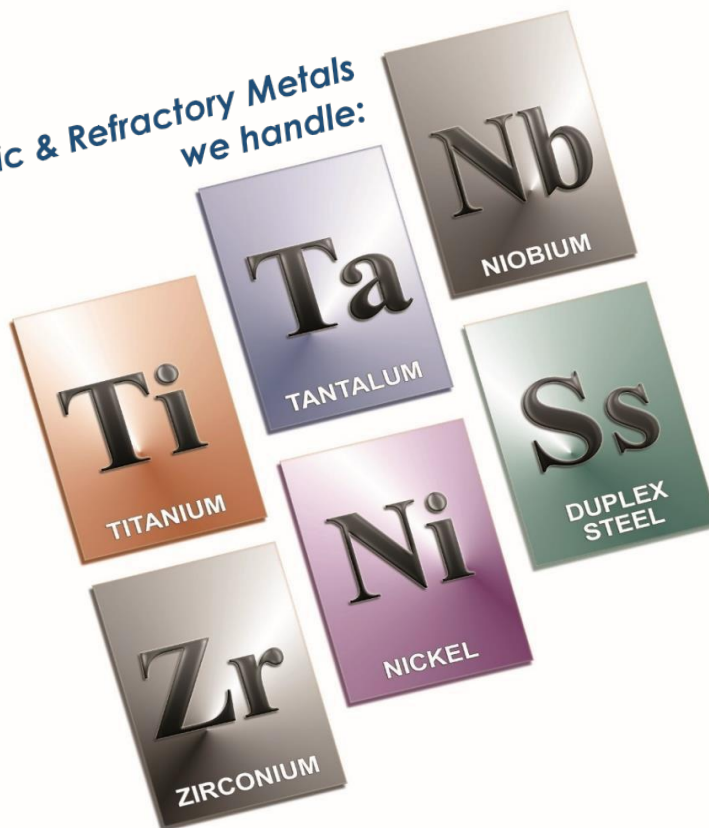
Tiaano Vidyashrm



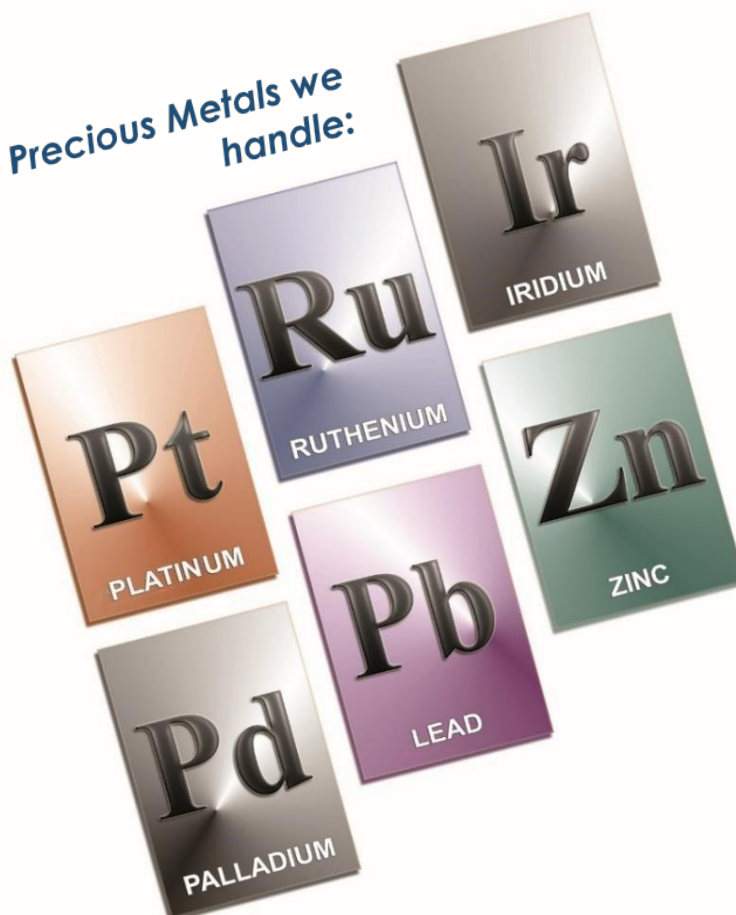
Commerce Campus
CBSE School for Employee's Children and other needy children.

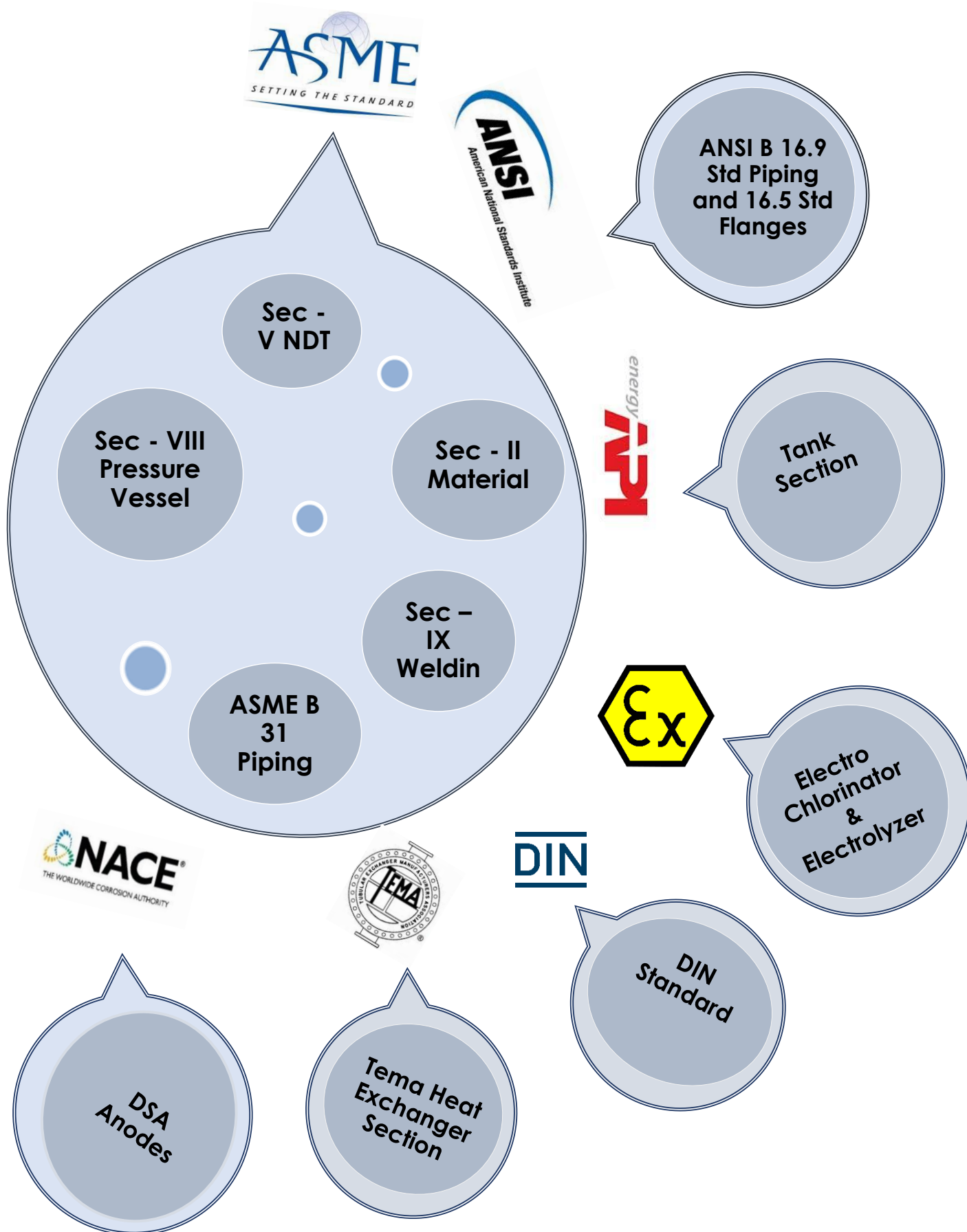
www.tiaanovidyashrm.com

Inert, exotic & Refractory Metals
we handle:



Precious Metals we
handle:







UHDE

Contract No. 06-0007-510
Project: KCL-Coustic Ecode
Date: 06.7.2005

Sr. No. 001 Ref: JSE.Vn.Ss

RELEASE ORDER

Vendor's Name : M/s. Ti Anode Fabricators Pvt Ltd
P.O. No. : UIL/KCV0097/P/MS47 DTD: 1.03.05
Name of Equipment : EJECTOR
TON/Code No. : AS PER ATTACHED ANNEXURE
Quantity : AS PER ATTACHED ANNEXURE (8 NOS)
Length :
Weight :
Details of loose items / Loose items fixed on Eject. : --

Type of Packing (Specify/special precaution if necessary) : ROADWORTHY

No. of Packages : TO BE DECIDED BY VENDOR. *READ PERMIT TO BE OBTAINED FROM T. DESAI.*

Order Status : Complete/Partial Balance - 8 NOS

Remarks : 1) 24 Nos. ANP 08 Fms. ARL STAMPS. 2) 08 Nos. ARL STAMPS. 3) 08 Nos. ARL STAMPS. 4) 08 Nos. ARL STAMPS. 5) 08 Nos. ARL STAMPS. 6) 08 Nos. ARL STAMPS. 7) 08 Nos. ARL STAMPS. 8) 08 Nos. ARL STAMPS.

Status of Documents : TO BE SUBMITTED AS PER PURCHASE ORDERS TERMS AND CONDITIONS.

The above equipment has been inspected and released for despatch. Vendor is requested to arrange for proper packing and make immediate arrangements for despatch as follows:

✓ Through reputed your own transport contractors as per terms of P.O

□ Inform M/s. _____ to lift the goods from your shop

✓ Arrange to deliver goods at _____

✓ Packing list enclosed
To be delivered at: KCL SITE Address: M/S. KANORIA CHEMICALS & INDUSTRIES LTD.
A/C UHDE INDIA LIMITED
BENKOOT - 201 217
DIST. SONBHADRA
UTTAR PRADESH

✓ Other details to be followed as per despatch instructions.

UHDE INDIA LIMITED

UHDE

इंजीनियर्स एंड
इंडिया लिमिटेड ENGINEERS
INDIA LIMITED

INSPECTION CERTIFICATE

No.: A35011191 DATE: 270109 SHT. 1 OF 1
ISSUING OFFICE: CHENNAI
CLIENT: M/s CPCL PROJECT: Oil Jetty, Nagapattinam JOB NO.: 4866
P.O. NO.: A1/PO/000702/07-08 DATE: 241007
C.O. NO.: - - - - - DATE: - - - - - ORDER STATUS: X C
SUPPLIER: M/s Ti Anode Fabricators Pvt. Ltd. LOCATION: CHENNAI-73
SUB-SUPPLIER: -- LOCATION: --
SUPPLIER REF.: CC-147 SUB SUPPLIER REF.: --

Following item(s) inspected and released for dispatch

SL NO.	EQT/ITEM CODE/ TAG NO.	CHK DGT	DESCRIPTION	UNIT	QTY RELEASED	P/C
---	---	---	Spares for Impressed Current Cathodic Protection System (Oil Jetty)	Lot	1	C
---	---	---	P.O. Item-wise Details are Mentioned in Annexure - 1 (1 Page)			

EIL REMARKS:

- [A] REFERENCE DOCUMENTS:
1) M/s CPCL Approved Datasheets and Drawings (dtd. 09/10 & 30/09/08)
2) P.O. Technical Specifications
3) M/s CPCL Approved TTP NO.: TAP/CPCL/SMT/001 REV. 1
- [B] THE FOLLOWING DOCUMENTS REVIEWED AND FOUND IN ORDER:
1) VENDOR'S INTERNAL TEST CERTIFICATES
2) MATERIAL/MANUFACTURER'S TEST CERTIFICATES FOR MAJOR BOUGHT OUT COMPONENTS
3) ANODE COATING THICKNESS & ANODE CONSUMPTION TEST REPORT FROM IIT-MUMBAI
4) VENDOR'S COMPLIANCE REPORTS
- [C] THE FOLLOWING TEST(S)/CHECK(S) WITNESSED AT RANDOM AND RESULTS FOUND IN ORDER:
1) ELECTRICAL OHMIC DROP TEST
2) ASSEMBLY OF CABLE TO ANODE JOINTS
3) DIMENSIONAL CHECKS

INSPECTION DATE (S): 12/02/08, 15/09/08 & 27/01/09

IDENTIFICATION MARKS: Model / Sl. No. (wherever applicable) SEAL / SIGNATURE

This Inspection Certificate is issued without prejudice to contractual obligation of the supplier and does not relieve him from the guarantee and obligations set forth in purchase order and attachment.

Distribution:-

Format No. 5-1842-0001 F1 Rev 1

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ENGINEERS INDIA LTD.

VELOSI

L5-IND-060

Inspection Flash Report

THIS REPORT MUST BE COMPLETED BY HAND WHILE AT THE VENDOR AND FAXED FROM THE VENDOR TO VELOSI BEFORE YOU DEPART FOR THE DAY.

Client: ONGC Vendor: TOLANI FABRICATORS
Project: MBA/TIA/PO/001 Dated 08-03-10 Sub-Vendor: TA ANODE FABRICATORS
PO No.: MBA/TIA/PO/001 Dated 08-03-2010 Location: Noothanchary, Chennai-73
So No.: -- AUH Job No.:
Client Reference: -- Date of Visit: 05-06-2010 Next Visit: NA

MATERIAL INSPECTED THIS VISIT

Item No.	Quantity	Description
1	6 Nos.	MMO TITANIUM TUBULAR ANODE (Dim: 25MM DIA x 1000 MM LONG) to drawing no. 20100345

RESULTS OF INSPECTION: ☒ Accepted Subject to TTP Approval ☐ Release Note Issued ☐ Non-Compliance ☐ NCR Issued

ORDER STATUS: ☒ Complete ☐ Incomplete

COMMENTS (If applicable):

1. ITP Reference: QAP/1/0-1 DATED 08-03-2010 WHICH IS YET TO BE APPROVED.
2. Inspection carried out as per Vendor ITP.
3. Raw material certificates reviewed for Tube Anode, find plate and hook - Found in order.
4. Adhesion coating, Continuity test witnessed by adhesion tape test method @ 50% of the offered quantity - Found satisfactory.
5. Dimensions checked for OD, Length, Hook dimensions to the drawing no. 20100345 @ 50% - Found satisfactory.
6. Thickness of the tubular anode checked from the stock of the same batch - Found satisfactory.
7. Quality assurance certificate, Final inspection report, Continuity test report, Pneumatic test report, Plating / Coating report reviewed - Found in order.
8. Machining (In process inspection) report reviewed - Found in order.
9. M/S Ti Anode to get approval of ITP for final acceptance as to give release note.

TYPE OF VISIT: ☐ Pre-Inspection Meeting ☐ Witness Mechanical Tests ☐ Witness Pressure Tests ☐ Review all Certificates ☐ Dimensions & Workmanship ☐ Intermediate Inspection ☐ Witness NDT ☐ Coating & Plating ☐ Review Radiographs ☐ Packing & Marking ☒ Final Inspection ☐ Witness Performance Tests ☐ Loading

Inspector Name: K. NAGARAJAN Signature: _____ Page 1 of 1 Copy of NCR/IR must be attached

VELOSI

Industry & Facilities Division



Page: 1/1

☒ Completely
☐ Partially

RELEASE NOTE Nr

APL/TI ANODE/BV-CHE/8125/RN-01

BV Job nr: IND.A.4.15.0101

Project: Mundra Thermal Power Project Ref: --
BV Client: M/s. Adani Power Ltd., Mundra, Gujarat P/O nr: -- (Client to BV)
Manufacturer: M/s. Ti Anode Fabricators Pvt. Ltd., Chennai P/O nr: 4500198125 Dtd 06/08/2015 (Adani to Ti Anode)

Inspection requested by: M/s. Adani Power Ltd., Mundra, Gujarat

P.O. SL Nr.	SUPPLY / SUBJECT OF INSPECTION	ITEM / TAG Nr.	QTY
10	Electrolyser Cell Plating 40CM, 50V Capacity : 25 KG/Hr each Electrolyser Material Code: 3058010213	1001 C/D	2 Nos.

CONCLUSIONS / REMARKS :

- ✓ The above item has been inspected & released in accordance with specifications and purchase order requirements on hand at the vendor's premises at the time of inspection.
- ✓ For more details, please refer Inspection Report No.: APL/TI ANODE/BV-CHE/8125/IR-01

This note is issued further to an inspection whose duration and scope were limited by the terms and conditions of the contract with BV principal. This note is NOT an indication that the item(s) is (are) fit for any specific purpose and does not release the manufacturer, supplier and any party from their respective duty, guarantee, obligation and/or indemnity relating to, without limitation, patents, workmanship, materials, safety, performance in operation and/or reliability.

Inspected by: Name: V. Baskar Checked by: Name: V. Baskar Signature: _____

Date of issue: 19-12-2015
Inspection Centre: BV-Chennai
Distribution: ☒ Adani ☒ Ti Anode ☒ BV Ahmedabad ☒ BV Chennai

This note is subject to the General Conditions of Service of Bureau Veritas in force on the day of its issuance.

INSP 004

1/1

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BUREAU VERITAS



MECON LIMITED
Form No. 11.26(QQZ) Rev-01
IC No.: 61.28.QQZ.07189.3C.01
Date: 22-Dec-2015

CIN No. U74140JH1973GO1601199
Page 1 of 2

Client:	NMDC LIMITED	Project:	QQZ - Detailed engineering & consultancy services for 3.0MTPA greenfield Integrated Steel Plant at Nagamam
Package:	03 (SEPC) - BPP & ETP Complex	Date of Inspection:	21.12.15
Contractor:	Shriam EPC Limited (Consortium Leader), Tirunelveli somnathshree@shriamepc.com	Contractor P.O No.:	HO/Contracts/NISP/0910, dated: 19-Jan-2012
Sub Contractor/Manufacturer:	M/s Ti Anode Fabricators Pvt. Ltd., # 48, Noolthanchary, Madambakkam, Chennai-126, INDIA.	Subcontractor P.O No.:	1000009914, Dt: 31.07.2013
Place of Inspection:	M/s Ti Anode Fabricators Pvt. Ltd., # 48, Noolthanchary, Madambakkam, Chennai-126, INDIA.	Inspecting Office:	Bangalore
Call no.:	NMDC/KC-12/M/COMBI STRIPPER/099, dated: 07-Dec-2015	Assignment No.:	11.28.QQZ.1.07109

Hard copy received on: 14-December-2015

Following items are inspected as per inspection documents in accordance with P.O specification and/or approved QAP / datasheet / drawing etc. (as applicable) and are accepted

S.S. No. / Equip. Id No.	Item Description	Unit	Quantity			
			Total Ordered	Offered	Accepted	Comm. Accepted
SLT2 /AS22.1A-D	Coated SS ANOD Strippers	NOS	4	1	1	1

CONTRACTOR	SUB-CONTRACTOR/ MANUFACTURER	PURCHASER / CLIENT'S REPRESENTATIVE	MECON
Signature: / Name & Designation: /	Signature: / Name & Designation: /	Signature: / Name & Designation: /	Signature: / Name & Design: R. Prabhu, Design Engineer, Inspection & QA, Bangalore

Note: 1. Acceptance of above equipment data is not w/o acceptance of the responsibility of the contractor to supply and install the plant and equipment as per T.S. Contract.
2. The use of this Inspection Certificate by MECON or its authorized representative shall not bind Purchaser/MECON to accept the product

MECON LIMITED



Certificate no: OIE 1210 160/01
Page 1 of 1

Project: ---

Client: TI ANODE FABRICATORS PVT. LTD., CHENNAI
Office: Chennai

Client's Order Number: SIGNED REQUEST FOR SERVICES DT.08.10.13
Date: 09 October 2013

Inspection Order: ---
Date: 08 October 2013
Final: 08 October 2013

The certificate is issued to TI ANODE FABRICATORS PVT. LTD., CHENNAI, to certify that the undersigned Surveyor to Lloyd's Register Asia did, at their request, attended their Madambakkam works on the above mentioned date for the purpose of inspecting the undersigned items, against EXPRO RESOURCES LTD., BIRKENHEAD, U.K., P.O. No.: CPO - EP - 2013 - 0010 DT.15.04.2013, to the following scope of inspection.

Scope of Inspection - QAP NO: 002/2012-13 DT. 30.05.2013.

1. Reviewed test certificates of material for Titanium to stipulated specification in respect of Chemical composition and Physical properties as per QAP.
2. Reviewed manufacturer's reports for Continuity test, Plating/Coating reports and Pneumatic test of the system as per QAP.
3. Witnessed Performance test of the Chlorinator assembly as per QAP.
4. Carried out visual examination and overall dimensional check of the skid as per order requirements.
5. Reviewed and endorsed Manufacturer's test reports as per QAP.

DESCRIPTION - TIAANO, ELECTRO CHLORINATOR 700GPH FOR SEA WATER CHLORINATION WITH SKID, MODEL NO.: AQUAFIL ECUSW-0.710 7kgph. CHLORINATOR DRG. NO.: 1304025, SKID DRG. NO.: 1304026.

For the purpose of identification, skid stamped with "Lloyd's Register" using Surveyor's stamp on name plate.

Conclusion:
The items described above are considered by the undersigned to comply with the order requirements in respect of the aforementioned scope of inspection.

S. NAGARAJAN
FOR NAGARAJAN KRISHNAN
Surveyor to Lloyd's Register Asia
A subsidiary of Lloyd's Register Group Limited

LLOYD'S REGISTER



VINCOTTE International India Assessment Services Pvt. Ltd.
SAFETY, QUALITY, ENVIRONMENT - Member of the AIS-VINCOTTE Group
Safety, Quality and environmental services

Release Note Number: -VI/TPSC/PRISTINE/TIAANO/GPT/RN-01, Dated: 13.09.2017

INSPECTION RELEASE NOTE

Client:	Pipeline Water
End User:	TPSC India private Ltd.
Main Vendor:	TI ANODE FABRICATORS PVT LTD
Sub Vendor:	
Inspection Location:	48 Noolthanchary, Madambakkam, Chennai-126, INDIA
P.O No.:	PO-PW-17-18/0229180, Dt: 13/07/2017
Project:	3x55 MW POWER PLANT PROJECT PHIPRINES
Inspection Report No.:	VI/TPSC/PRISTINE/TIAANO/GPT/RN-01
Order Status:	Completed
Release Status:	Completed

P.O. Item No.	Item Description	Equipment Tag No's	PO Qty	Quantity Accepted Qty	Quantity Accepted Qty
1	Supply & Fabrication of sea water based Electrolyzer Cell	100/2017-01, 100/2017-02, 100/2017-03, 100/2017-04, 100/2017-05, 100/2017-06	06	06	06

Inspection	VI Inspection	Reviewed by (Signature & Seal)	Page 1
To: Client	✓		
Cc: VINCOTTE H.O.	✓		
Vendor	✓	Name of the Inspector: G.P. THANGAVELAN Date: 13.09.2017 Reviewer's Name: / Date of Review: /	

VINCOTTE

MECH TECH PROJECTS
CHENNAI
FIELD INSPECTION REPORT

Report No: 008/ Ti Anode/12
Date: 04.08.12

Project: / M/S J.K. Paper, Raigada, Orissa.	Manufacturer: M/S. Ti -Anode Fabricator Pvt Ltd, Chennai.
Supply intended for: M/S J.K. Paper, Raigada, Orissa.	Order No: JKPM/NP/328/2012-13 DT: 13.04.12
Inspection ordered by: M/S J.K. Paper, Raigada, Orissa.	Placed with: J.K. Paper to TI -ANODE
Supplier: M/S. Ti -Anode Fabricator Pvt Ltd.	Supply: As below
Item Description: As below	Qty: As below
G.A Drawing No: As below	QAP No.30/2012-13/001 dt: 16/04/12.

Inspection documents Availability at Mfr's Place:
☒ Purchase Order ☒ Appd. QAP ☒ Drawings ☒ Appd. Data Sheet

Inspection Status: ☒ Completed ☐ Not Completed
Item Accepted as per QAP & released for dispatch: ☐ Yes ☐ No (Refer Below)

Item details as per inspection call: As per the inspection call reference no. nil dt: 02/08/2012 he undersigned visited the works of Ti -anode Fabricator Pvt Ltd on 04/08/2012 and our observation as follows:

SR. NO.	ITEM DESCRIPTION	Drawing number	QTY. In no.
01	Pulp out Nozzle / Chute for D3 Tower	424-M-TAN-4148/R7	01

Our observations:

1. Dimensional inspection carried out found satisfactory except the following dimensions
a) In S. No 4.9/4.7 slope dimensions 2590 mm measures 2516/2518 mm and dimensions 2479 mm measures 2487/2490 mm.
b) In S. No. 4.1/4.8 slope dimensions 2365 mm measures 2387 mm and 2607 measures 2505/2508 mm.
2. After cleaning Ferroxyl test to be offer to us.
3. Water fill test to be offer to us.
4. Hammer mark noticed inside and outside chute to be reworked.
5. In galvanizing flange: Galvanizing peel off noticed in O.D of the flange and in 10 holes rust noticed to be cleaned and minimum galvanizing thickness to be maintained by Ti Anode.
6. After the above rework galvanizing thickness to be offer to us.
7. In radiography films JS Joint linear indication length of 70 mm noticed to be reworked

Conclusions

1. Point No 1(a) & b for the dimensional deviation Ti Anode has to get approval from JKPM
2. Point No 2 to 6 as per above report to be complied by Ti Anode and offer for our inspection.

Category: 1. Accepted. 2. Conditionally Accepted. 3. Reinspection Required. 4. Rejected. 5. Advice/Restriction

Travel Time:	Y	Supplier's Signature & Date	Surveyor's Stamp & Date
Inspection Time:	N		
ORDER STATUS:	C		
	B		

Page 01 of 01

MECH TECH

TUV INDIA PVT. LTD.
2nd Floor, Dr. B. R. Ambedkar Building
#527, Anna Salai, Chennai-600002

TUV INDIA
TUV NORD GROUP

INSPECTION RELEASE NOTE/CERTIFICATE NO.: 8112681019/190-01 DATE: 10-09-2015

CUSTOMER PROJECT: M/s. CHLOREN (PVT) Ltd south Africa. PLACE OF ISSUE: CHENNAI

CONTRACTOR/PAC: PM/JOB NO. NA

VENDOR: M/s. Ti Anode Fabricators (Pvt) Ltd. LOCATION: Chennai 600126

SUB-VENDOR: LOCATION: NA

PURCHASE ORDER NO.: CH-15-0001 DATED: 28 July 2015

PO Item No.	Item Code/ Material Description	PO Quantity (Lbs)	Quantity Offered	Quantity accepted	Item Qty complete as per PO
1	MWO Coated Titanium Mesh anodes 50mm width x 200 mm long	20 Nos.	20 Nos.	20 Nos.	Complete
2	Titanium mesh Cathodes 50mm width x 200 mm long	20 Nos.	20 Nos.	20 Nos.	complete

REFERENCE DOCUMENTS:
1. Approved PPR / Spec. No. / Data sheet: Adhesion test procedure No. W/ No. 08 d 01.1.03
2. Approved Drawing Nos.: 150717 Rev 2 & 150718 Rev 2 Approved by Chloren.
3. Approved QAP/TPP No.: TIAANO/04/2015-16 Dn 28.08.2015

STAGES WITNESSED:
1. Visual inspection carried for all offered Anode and cathodes found acceptable.
2. Dimensional check carried out for 10 % random selected Anodes and cathodes found acceptable and report attended for records.
3. Mounting threads checked with thread ring gauge - Found acceptable.

Documents/records reviewed:
1. Material test certificates reviewed for offered materials - Found acceptable and attested.
2. Reviewed adhesion test report - found acceptable as per Tiaano Work instruction 08.
3. Reviewed Anode coating report MWO coating and thickness - Found acceptable, coating thickness 12 microns as per mail confirmation given by Ti Anode to M/s Chloren mail dt 21 August 2015 taken as reference.

NON-WAIVER (If any): This IRN issued after getting the revised client approved drawing for deletion of bonding test in cathode drawing No. 150718.

IDENTIFICATION: PO No & Item description & stamp on packing box.

ORDER STATUS: Complete

DATE OF INSPECTION: 08.09.2015

CONCLUSION: All items were inspected within the scope defined in approved QAP/TPP & found to meet the requirements of purchase order & specification.
All incoming inventory equipment were verified for continued suitability for intended use, proper identification and maintenance and calibration status & found satisfactory.
Declaration: The issue of this inspection release certificate does not relieve the supplier / material source from higher responsibility towards the client to supply items concerned, in full compliance with the requirements of the purchase order or project specifications.

P. Raghuram
Surveyor to TUV India Private Limited

per TSC Control
2. The issue of this inspection Certificate by MECO or its authorized representative shall not bind further MECO to accept the product

TUV

28/10/2008 12:37 FAX 914424863009 SCS INDIA PVT LTD

CERTIFICATE No.: F530101/CHN/C009721

SGS

CERTIFICATE OF INSPECTION

REF: INMDS/IND/20080157/4 DATE: October 29, 2008 PAGE: 1 of 1

Client: M/s. Khatia A. Algotra Trading Co.,
PO Box 222, Dammam 31411 - Kingdom of Saudi Arabia

Order: PO No. TIA/001662100508 DT. 10.05.2008

Seller/Manufacturer: M/s. Ti Anode Fabricators Pvt Ltd,
#45, Nandambur, Madambakkam, Chennai 600 073

Description of goods & Quantity: MWO Coated Titanium Mesh Anodes - 100 Nos.

Date and place of inspection: On 25.10.2008 at M/s works, Madambakkam

Scope of inspection: Visual examination, dimensional check, witnessing of assembly check, quantity check & Review of M/s test certificates

Inspection: The above materials were subjected to detailed inspection as per P.O. Superintendence:
(1) Visual examination
(2) Dimensional check
(3) Witnessing of assembly check
(4) Witnessing of Alignment test
(5) Quantity verification
(6) Packing inspection
(7) Review of m/s test certificates

INSPECTION MARK: "SGS" yellow stickers pasted on all items.

CONCLUSION: On the basis of above inspection, the materials were found conforming to client specifications.

per pro SGS INDIA PRIVATE LTD.

SGS PAPER 06440292

SGS

सांताफिकेशन इंजिनियर्स इंटरनशनल लिमिटेड
CERTIFICATION ENGINEERS INTERNATIONAL LTD.

INSPECTION CERTIFICATE / RELEASE NOTE

CERTIFICATE NO.: CEI/9515/958/579 DATE: 25.11.2013

PROJECT: JAB MW Coal Fired TPP Place of ISSUE: Chennai

CLIENT: PT Puncj Lloyd, Indonesia CUSTOMER: Pristine Water

CONTRACTOR: PRISTINE WATER Job No: CEI/9515

VENDOR/SUB-VENDOR: Ti Anode Fabricators Pvt Ltd LOCATION: Chennai

PURCHASE ORDER NO.: PW/13-14/172/269 DATE OF P.O.: 01/04/2013

P.R. SR. NO.	ITEM DESCRIPTION	UNIT	QUANTITY		
			AS PER P.O.	OFFERED	RELEASED
1	Electrolyzer For Sea Water Electrolysis Tunnos SWPPE-14	NOS	2	2	2

REFERENCE DOCUMENTS:
Pristine Purchase Order Referred above.
Pristine Approved QAP: PW/162/04/PK3 Rev 3
Pristine Approved Vendor: C.A.D. 130408
Pristine Data Sheet: PW/162/14/tech/DS-05 Rev 2

TESTS WITNESSED:
Visual, size, La Assembly, Dimension, Hydro test and continuity test witnessed - Satisfactory

DOCUMENTS REVIEWED:
Send Sheet, Row plate, Tie Rod, Connecting Bush, MTC: Reviewed. Vendor Plating/Coating Report-Reviewed
Vendor Final Inspection report, Continuity Test report, Hydro Test Report-Reviewed
Vendor Pressure Gauge Calibration Record

OBSERVATIONS/REMARKS: Above item satisfy all the requirements of applicable purchase Specification standards/conditions and purchase order except the following pending activities-NIL

IDENTIFICATION: Name Plate/ Stamped

ORDER STATUS: Complete

DATE OF INSPECTION: 25/11/2013

K.K. SATYAGOPAN
Date: 25.11.2013

CEI

TATA PROJECTS LIMITED
ACCEPTANCE - CUM - RELEASE NOTE

No. HYD/ABR/04/CHETIA/10715/KSP
Date: 11-07-2015
Contract Code: QS-HYD/ABR/04/04

CLIENT: M/s. Khatia A. Algotra Trading Co.,
PO Box 222, Dammam 31411 - Kingdom of Saudi Arabia

VENDOR: M/s. Ti Anode Fabricators, Chennai

PROJECT: Karant SUB-VENDOR: Nil

P.O. No.: BRAC/MW/2/107028
S.O. No.: 04-04-2015

ORDER STATUS: COMPLETE / INCOMPLETE

The following items have been inspected and found acceptable as per the specifications stipulated in the purchase order approved drawing/ data sheet/ spec. / standard. Details of inspection are given in the inspection report nos. HYD/ABR/04/CHETIA/10715/KSP dated 07-07-2015, and compliance report no. Nil.

Sl. No.	Description	Qty. No. / Details	Tag No.	Ins. per lot	Rate per lot	Reduction	Remarks
1	Modified Failing Film	HE 922	E-103	1 No	1	2.3.5.6	
	Heat Exchanger E-1001					8	

Identification / Dismantling: Yes/No

Inspection to Vendor:
1. Actual inspection to effect immediately.
2. Obtain designation/ signature from client / Project Manager.
3. Protect machinery surfaces against corrosion.
4. Fix name plate.
5. Blank all records and other copyings.
6. Submit as-built drawings and structural documentation including Statutory Certificates.

7. Send operating & maintenance instructions.
8. Pack consignment suitably to prevent damage during transit.
9. Any other (Specify):

VENDOR / SUB-VENDOR: TPL INSPECTION: CLIENT'S REPRESENTATIVE: DISTRIBUTION:
Signature: Date: Signature: Date: 1. TPL (CB) HTO
2. Vendor
3. Client
4. TPL Project's Dept. HYD
5. TPL Construction Site

* Vendor to note that this release is not intended to constitute obligations of the vendor and does not relieve him from the guarantee and obligations set forth in the purchase order and other contractual documents.

Issue of the release note is subject to the condition that neither TATA Projects Ltd (its company) nor any of its directors, employees and agents shall be liable for any loss or damage or expense sustained by any person due to any act of omission or error in any course rendered on behalf of the Company. However, in case it is proved that any person has suffered loss, damage or expense due to negligent act of the Company or its employees in providing the service, the Company will pay compensation to such person for his proven loss upto but not exceeding the amount of fee charged for that particular service which caused the loss.

TQF-01-Rev. 01

TPL

Production Plants		a) Fabrication Unit b) Dimensionally Stable Anode Activation Unit c) Machine Shop d) Hydrogen Production Unit e) Project Assembly and Testing Centre	
Description		Capacity	Quantity
Power	EB Connection	54.98 HP, 144.83 HP, 44.25 HP.	3
	Generator	180 KVA, 63 KVA	2
Plant Area & Infrastructure	Covered Area		
	R & D		1
	Open Area		1
Facilities	Spot Welding	20 KVA, 130 KVA	3
	TIG Welding	10 HP, 5 HP	6
	ARC Welding	10HP, 5 HP	4
	Crane	10 Tons, 5 Tons, 5 Tons,	3
	Air Compressor Screw Type	30 HP	2
	CNC Machine	10 HP	1
	Hydraulic Press	10 HP, 5 HP	2
	Drilling Machine	½" – 1 ½"	6
	Milling Machine	750- 1200 mm	2
	Rolling Machine	1.5, 5 HP	3

Description		Capacity	Quantity
Facilities	Plasma cutting	70 A, 160 A	2
	Bench Grinding	0.5 HP	2
	Lathe Machine	4.5 Feet, 6 Feet	5
	Hose Crimping	2 HP	2
	Mesh Expanding	5HP	1
	Furnace	20 KW, 72 KW, 110 KW	3
	Fibre Laser Marking	0.5	1
	Slitting Machine	5	1
	Fork Lift	3 Ton	1
	Plastic Injection Moulding	45 grams.	1
	Shot Blasting	0.5	2
	Band Saw	250 mm Día	1
	Buffing	3 HP	2
	Gas Cutting Set		2
	Motorised Hydraulic Water Pump	0-1000Kg/cm ²	1
	Hand Shearing	500 MM	2
	Welding Positioner	100 KG	1
	Idler Unit with Roller	3 Ton	1

Titanium Gr.1, 2, 5, 7 & 16 Equipment

INDUSTRY - WISE	PROCESS - WISE	PROCESS FLUIDS - WISE
Chlorine production of PTA Gold, Copper, Nickel mining Pulp and Paper Coke plants EMD processors Copper foil production Agricultural chemicals Production of feed additives Bromine industries Specialty chemicals Electrochemical industry Polycarbonates VCM	Nitration Odour control systems Sulfuric acid concentration Chlorine generation Pressure oxidation Electrolytic Bleaching Ammonia stills	Chlorine, chlorine and salt derivatives Low concentration HCl Acetic acid Salt water cooling Nitric acid Aniline Terephthalic acid Adipic acid Nitrates Sodium chloride Potassium chloride Perchlorates, Chlorates Hypochlorite Urea Acetone / MEK

Tantalum & Niobium Equipment's

INDUSTRY - WISE	PROCESS - WISE	PROCESS FLUIDS - WISE
Specialty chemicals Silicone production Acid recovery Sulfuric acid regeneration Steel industry Pharmaceuticals Polycarbonates Herbicides Hydrometallurgy VCM	Sulfuric acid recovery and concentration HCl steel pickling Bromination Solvent condensing HCl processing Extraction of bromine	High concentration HCl Isocyanates Key tones Anilines MEK Bromine High concentration sulfuric acid

Zirconium Equipment

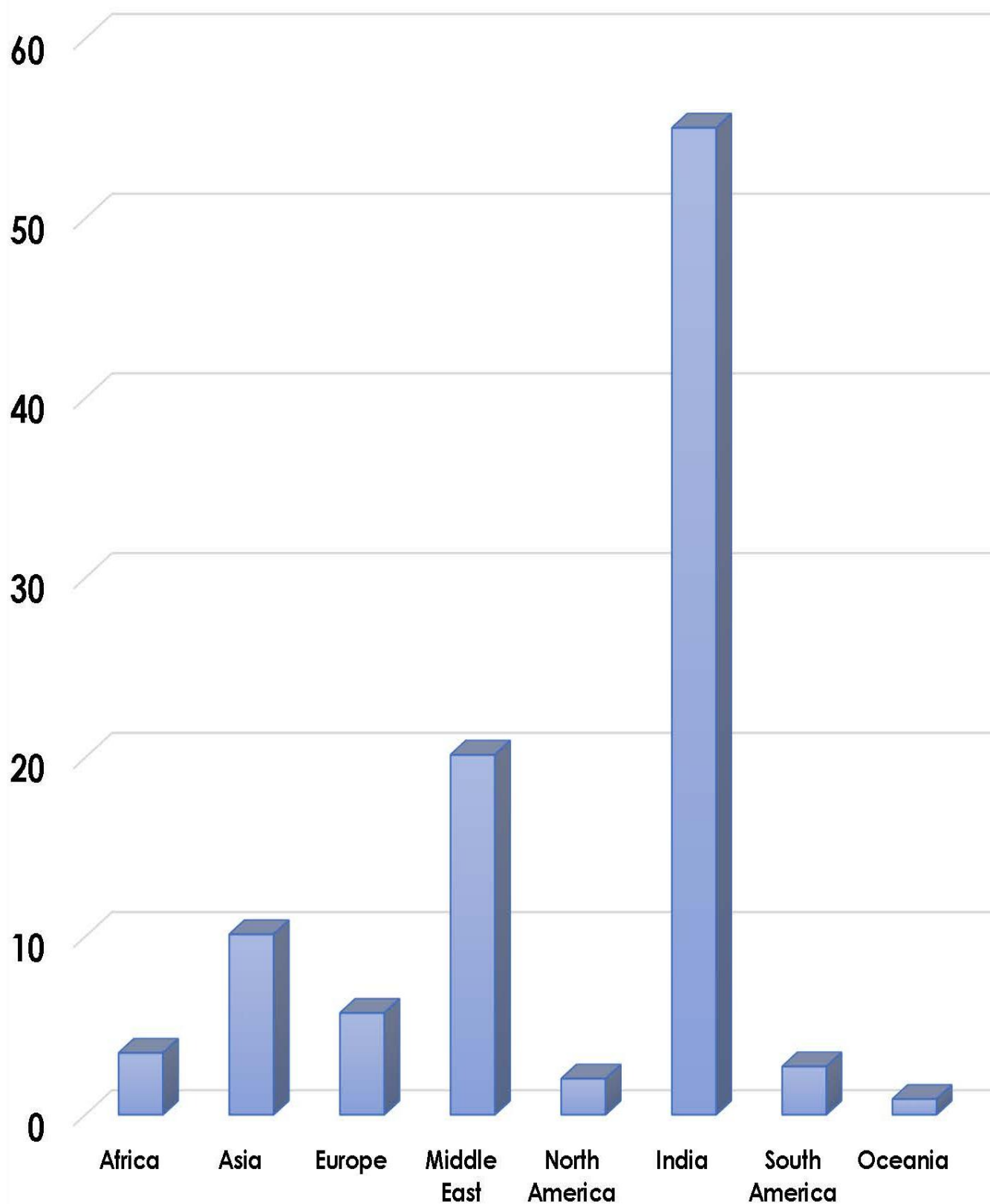
INDUSTRY - WISE	PROCESS - WISE	PROCESS FLUIDS - WISE
Agricultural chemicals Specialty chemicals Formic acid production Acetic acid production Plastics and polymers Organic processing Polycarbonates Biomass Magnesium processing VCM EMD Titanium dioxide Silicone production Urea Sulfuric acid recovery	Formic acid generation Acetic acid generation Oxidation of ethyl alcohol Nitric acid generation Oxidation of ammonia in air Hydrogen peroxide production Nitric acid production Metacrylic acid production Methyl methacrylate production	Acetic acid Nitric acid MMA: Methyl Methacrylate Acid Methyl chloride Sulfuric acid Formic acid Urethanes Strong acids & alkalis Potassium hydroxide Hydrochloric acid Sodium hydroxide Chloride solutions Hydrogen peroxide

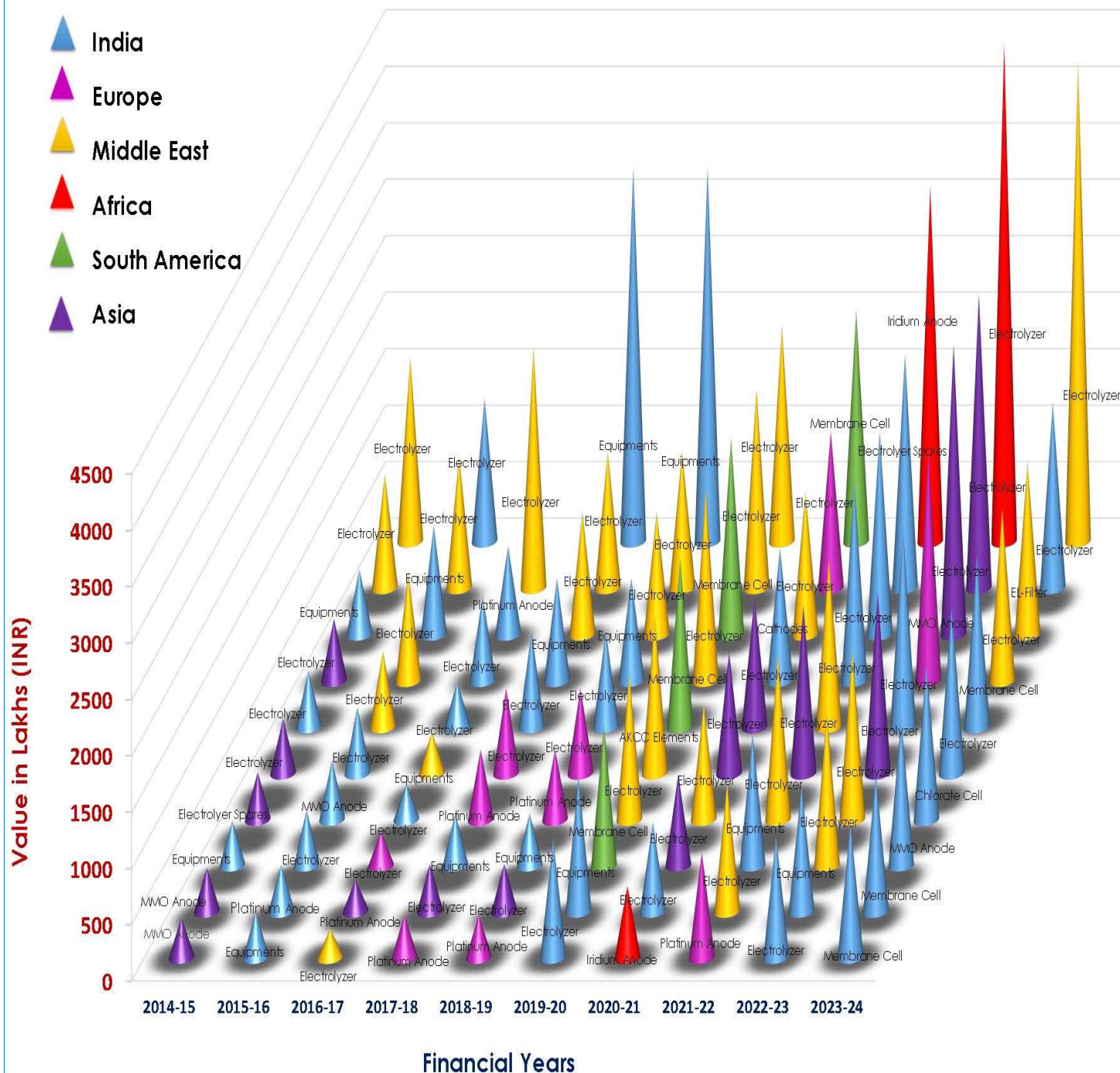
Nickel & Duplex Steel Equipment

INDUSTRY - WISE	PROCESS FLUIDS - WISE
Steel and stainless-steel pickling Pharmaceutical Silicone processing Production of acetic acid Incineration and pollution control Fertilizer industry	HCl Sulfuric acid HF/nitric solutions Phosphoric acid Aqueous solutions containing halide ions Hydrogen fluorides Sea water Caustic Alkali chemicals Oxidizing salts Reducing acids Aluminium chloride catalysts Fluoride environments

Composite Equipment

INDUSTRY	EQUIPMENT
Power Plant	Scrubber
Effluent Treatment Plant	Electro chlorinator
Desalination Plant	Sea water Intake & Outfall Pipe
Chemical Processing	Process Piping
Sewage Treatment Plant	Thermal Storage Tanks
Fertilizer industry	Acid Storage
Pollution Control	Reactors
Rain Water Harvesting	Air Control Dampers
Water & Waste Water Recycling	Ducts
Oil & Gas (offshore)	MGPS





Management : **Mr. V. P. Jeyakumar**
Managing Director.

Ms. S. J. Vanajambika
Director - Tech.

Ms. P. E. Nancy
Director - Admin.

Banker's Name : UCO Bank, Selaiyur Branch, Chennai – 600 059.

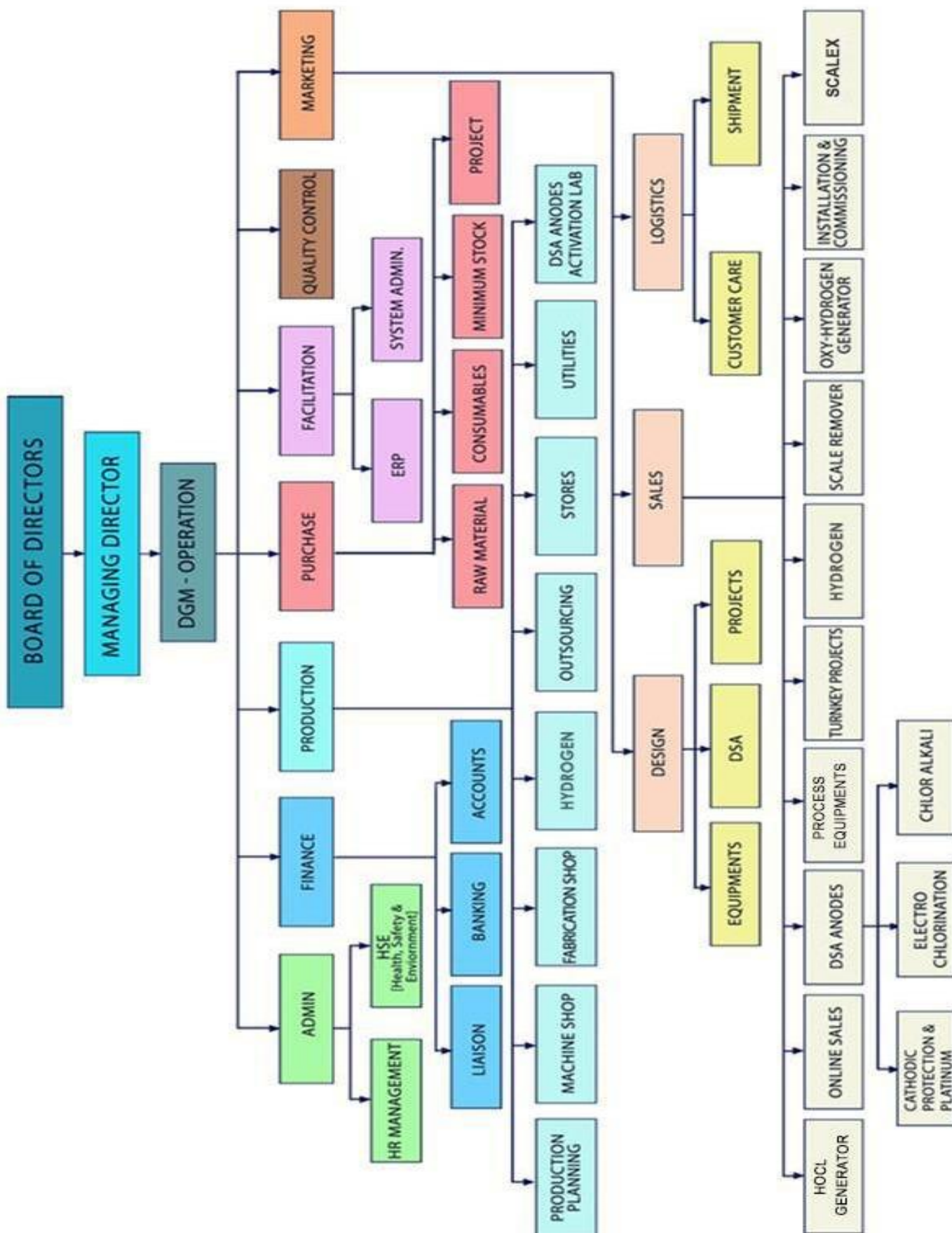
Human Assets : Marketing & Administration : 38

Engineering & Design : 48

Technicians & Workers : 93

Turnover in USD : 2023 – 2024: USD 5.36 Million (Rs. 4507.73 Lakhs)
2022 – 2023: USD 6.36 Million (Rs. 5000.52 Lakhs)
2021 – 2022: USD 4.89 Million (Rs. 3710.93 Lakhs)
2020 – 2021: USD 4.28 Million (Rs. 3068.28 Lakhs)
2019 – 2020: USD 2.98 Million (Rs. 2208.47 Lakhs)
2018 – 2019: USD 2.97 Million (Rs. 2033.14 Lakhs)
2017 – 2018: USD 1.55 Million (Rs. 1031.58 Lakhs)

Credit Ratings : DNB : 91-853-8856
Crisil Ratings : "SME 3" Made.



Name : **Ti Anode Fabricators Pvt. Ltd.,**

Postal address : 'Tiaano Bhavan, No.48, Noothanchary,
Madambakkam, Chennai – 600 126, India.

Phone : +91 91768 83999, +91 94445 69900

Fax : +91 44 2278 1362

Email : marketing@tiaano.com

Webpage : <http://www.tianode.com>

Year of establishment : 1992

Quality Certification (QMS) : ISO 9001: 2015, Regn. No: AB09IS 12851/R2

Quality Certification (EMS) : ISO 14001: 2015, Regn. No: AB14IS 214359

Quality Certification (OHSMS) : ISO 45001: 2018, Regn. No: AB45IS 173609

Type of Company : Private Limited, under Companies Act 1956

Registration Number : U28112TN2003PTC052052

Market Presence : 66 Countries

Nearest Railway Station : Tambaram - 10 Km.

Nearest Airport : Chennai Airport, 13.5 Km.

Nearest Seaport : Chennai port, Chennai - 30 Km.

UDYAM REGISTRATION NUMBER	: UDYAM-TN-08-0017501
FIRE SERVICE LICIENCE	: 178615/A1/2024
REGISTRATION FACTORY LICIENCE	: KPM07579
GST	: 33AABCT9790N1ZN
CIN	: U28112TN2003PTC052052
IEC	: 0404012523
PAN	: AABCT9790N
TIN	: 33821602905
SSI	: 330031200551
NSIC	: NSIC/GP/GUI/2015/0014816
ESI	: 51001092430000602
TAN	: CHET07955D
EPF	: TBTAM0060596000
Trade Licence	: 009/2023/25/070/000893
RCMC NO	: 401/M19237/2021-22
TAMIL CHAMBER OF COMMERCE	: 000489
TRADE MARK	: 1593369
GEM SELLER ID	: 5BD0200001170703
D&B	: 91-853-8856
TNLWB	: TNL0057231
TSATIA	: AS-145



ISO 9001 : 2015



ISO 14001 : 2015



ISO 45001 : 2018



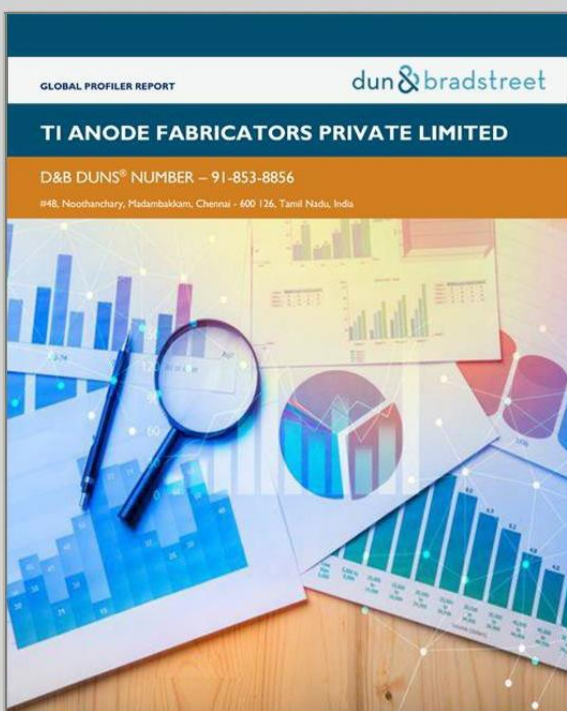
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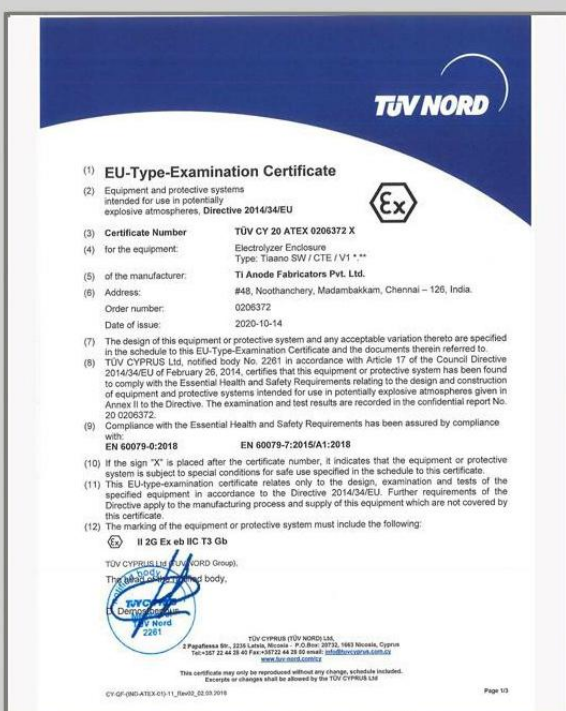
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D & B



ATEX

