



Thermo Cables





Thermo Cables is a recognized and preferred brand across various industries including Oil & Gas, Railways, Navy, Defence, Renewable Energy, Nuclear Power, Process Industries, Power etc, exporting 50% of products. Established in 1990, it is a leading manufacturer of various types of speciality cables. Thermo Cables is a part of Thermo Group - a multi-product & multi-service organization with other group companies: Thermopads: A specialist in Commercial, Domestic and Industrial Heating Thermosystems: An EPC company in the field of Fuel Oil Handling Systems, Fire Detection Protection Systems etc.



# Major Approvals

ADNOC - OFFSHORE

ADNOC - ONSHORE

ALBA

AP GENCO

AP TRANSCO

AVANT GARDE

BDL, BEL

BHEL, BLW

BOROUGE

BPCL

CLW, CMRL, CSL

DLW, DMW

DLRL, DMRL

DMRC

DESEIN LTD

DGMS, DVC

DRDO, DRDL

EGA

ENGINEERS INDIA LTD

FICHTNER CONSULTING

GRSE, GSPC

GOA SHIPYARD

HINDUSTAN SHIPYARD

HPCL, HAL, HMRL

IOCL, ICF, ISRO

JACOB'S H & G

KNPC, KUWAIT

KOC, KUWAIT

L & T

MATERIAL ORGANISATION - KARWAR

MATERIAL ORGANISATION - MUMBAI

MATERIAL ORGANISATION - VIZAG

MECON, MCF

MN DASTUR & CO.

MAZGOAN DOCK LIMITED

MUMBAI PORT TRUST

NPCIL, NSTL, NTPC

ONGC

PDIL, PGCIL

PDO OMAN, PETRONAS

QATAR PETROLEUM

RCF

SAIL

TATA CONSULTING ENGINEERS

TECNIMONT ICB LTD

TOYO ENGINEERING INDIA LTD

THYSSENKRUPP

Stringent quality requirements, global standards of precision and increasingly demanding customers are the order of the day. Thermo Cables, sensitive to this reality, designs, manufactures and supplies a wide range of cables to satisfy customers' specifications and requirements.

## Product Range

- ▶ Instrumentation Cables
- ▶ LV Power & Control Cables
- ▶ Thermocouple Cables
- ▶ Fire Resistant Cables
- ▶ Railway Cables
- ▶ Naval Application Cables
- ▶ Marine / Shipboard Cables
- ▶ Pressure Tight (PT) Cables
- ▶ Renewable Energy Cables
- ▶ High Temperature Cables
- ▶ Material Handling Cables
- ▶ Foundation Fieldbus Cables
- ▶ Special Application (LFH) Cables
- ▶ Co-Axial Cables (RG Series)
- ▶ VFD Cables
- ▶ Cathodic Protection Cables

## Why Us

- ◆ Leading & reputed manufacturer of Specialty Cables
- ◆ One stop solution for all Low Voltage Cables
- ◆ Serving satisfied customers since 30 years across 60+ countries
- ◆ In-house wire drawing, compounding, Electron beaming and testing facilities
- ◆ Quick response time and offer submission in less than 24 hours

## Quality & Reliability

- ◆ An ISO 9001, 2015 certified company with proven track record of delivering quality products
- ◆ NABL accredited full-fledged in-house testing laboratory
- ◆ Environment, Occupational Health and Safety Systems adhering to ISO 14001-2015, 45001-2018
- ◆ 15% of power consumption sourced through in-house generated renewable energy

## Standards

- ◆ Cables designed and manufactured conforming to various National and International Standards:  
ANSI MC 96.1, BS-6346, BS-5467, BS-7919, BS-7629, BS-6387, BS-7846, BS-5308-I & II, BSEN 50288-7, DEF-02 526, DEF-02 527, EED 50-12, 50-13, IEC-60502-I, IEC-60189-I & II, IEC-60228, IEC-60092 350 353 376, IEC-60584-I & III, IEC-60331, IS-8784, IS-613, IS-694, IS-1554-I, IS-7098-I, IS-9968-I, JSS-51034, JSS-51038, MIL-C-17, MIL-DTL-22759/86A, MIL-DTL-22759/87A, MIL-DTL-27500H, MIL-DTL-24640C, MIL-DTL-24643C, UL-1581, UL-758, VDE-0815, VDE-0816, VG-95218 60-66 etc.

## Valuable Assets

- ◆ Over 3,00,000 sq ft of infrastructure facilities with latest technology
- ◆ 1000+ dedicated & high performing workforce
- ◆ Experienced & professional leadership team
- ◆ Offers technical support in cable selection through SAP





## Railway Cables

### Thin Walled Electron Beam Irradiated Flexible Elastomeric Cables With Copper Conductors

Electron beam irradiated thin walled flexible cables with copper conductor, limited fire hazard, minimum flame spread, low smoke emission and limited toxic fume emission properties.

<b>Specification</b>	: ELRS / SPEC / ELC / 0019, Rev.4
<b>Temperature Range</b>	: - 40° C to 120° C
<b>Conductor</b>	: Electrolytic flexible annealed tinned copper (Class 5)
<b>Application</b>	: For use in power, auxiliary as well as control circuits of conventional tap changer electric locomotives AC / DC EMU, BG AC EMU & MEMU / coaching stock
<b>Cable Type</b>	: Single Core Cable (single layer)
<b>Size</b>	: 1.5 Sq mm to 150 Sq mm
<b>Voltage Grade</b>	: Up to 750 V
<b>Insulation</b>	: EBXL EVA
<b>Cable Type</b>	: Single Core Cable (dual layer)
<b>Size</b>	: 1.5 Sq mm to 300 Sq mm
<b>Voltage Grade</b>	: Above 750 V & up to 1.8 / 3.0 KV
<b>Insulation</b>	: EBXL EPDM
<b>Sheath</b>	: EBXL EVA
<b>Colours</b>	: Red / Yellow / Blue / Black / Grey / GNYE / Chocolate / White as per customer requirement
<b>Cable Type</b>	: Multi Core Cables 19 Core 2.5 Sq mm and 19 Core 4.0 Sq mm
<b>Voltage Grade</b>	: Above 750 V & up to 1.8 / 3.0 KV
<b>Insulation</b>	: EBXL EPDM
<b>Sheath</b>	: EBXL EVA

### Thin Walled Electron Beam Irradiated Flexible Elastomeric Cables With Copper Conductors as per EDTS 132, REV-C

LFH type cables i.e. minimum flame spread, low smoke and toxic fume emission.

<b>Data Sheet-1</b> (Single Core Cable)	<b>Data Sheet-5</b> (UIC Cable)
<b>Voltage Grade</b> : 1800 V / 3000 V	<b>ITEM 1</b> -4Q x 1 Sq mm + 1P x 0.75 Sq mm (18 core cable)
<b>Conductor</b> : Circular annealed tinned copper (Class 5)	<b>ITEM 2</b> -5Q x 1 Sq mm + 1P x 0.75 Sq mm (22 core cable)
<b>Insulation</b> : EBXL EPDM	<b>Voltage Grade</b> :300 / 300 V
<b>Sheath</b> : EBXL EVA (black)	<b>Conductor</b> : Circular annealed tinned copper (Class 5)
<b>Data Sheet-2</b> (Single Core Cable)	<b>Insulation</b> : EBXL EPDM (white numbered cores)
<b>Voltage Grade</b> : 600 V / 1000 V	<b>EMC Screen</b> : Annealed tinned copper
<b>Conductor</b> : Circular annealed tinned copper (Class 5)	<b>Sheath</b> : EBXL EVA (black)
<b>Insulation</b> : EBXL EVA (grey)	<b>Data Sheet-6</b> (Multi Core Unscreened Cable)
<b>Data Sheet-3</b> (Multi Core Unscreened Cable)	<b>Voltage Grade</b> :600 V / 1000 V
<b>Voltage Grade</b> : 600 V /1000 V	<b>Conductor</b> : Circular annealed tinned copper (Class 5)
<b>Conductor</b> : Circular annealed tinned copper (Class 5)	<b>Insulation</b> : EBXL EPDM (white numbered cores)
<b>Insulation</b> : EBXL EPDM (white, brown, black & green / yellow coloured cores)	<b>Sheath</b> : EBXL EVA (black)
<b>Sheath</b> : EBXL EVA (black)	<b>Temperature Range</b> : -40° C to 120° C
<b>Data Sheet-4</b> (Multi Core Screened Cable)	<b>Application</b> : For power, signalling & control application in coaches
<b>Voltage Grade</b> : 600 V	
<b>Conductor</b> : Circular annealed tinned copper (Class 5)	
<b>Insulation</b> : EBXL EPDM (white, brown, black & green / yellow coloured cores)	
<b>EMC Screen</b> : Annealed tinned copper	
<b>Sheath</b> : EBXL EVA (black)	



## Railway Cables

### Single Core Cables for Electric Locomotives Types WAG-9, WAG-9H, WAP-5 & WAP-7

Limited fire hazard electrical insulation cable, dual wall insulation, low smoke halogen free, flame retardant, excellent resistance to high and low temperature, oil, ozone, weathering and abrasion flexible easy strippable.

**Specification** : CLW / ES / 3 / 0458 Alt. E  
**Temperature Range** : - 40° C to 120° C  
**Application** : For the purpose of use in power, control, sensor and driver circuits for protected installation, inside and outside railway rolling stock to connect fixed and moving parts.

#### Data Sheet-1

**Cable Type** : Single Core Cable  
**Size** : 1.5 Sq mm to 150 Sq mm  
**Voltage Grade** : 4 GW (1.8 KV)  
**Conductor** : Circular flexible annealed tinned copper (Class 5)  
**Insulation** : EBXL EPDM  
**Sheath** : EBXL EVA

#### Data Sheet-2

**Cable Type** : Single Core Cable  
**Size** : 10 Sq mm to 150 Sq mm  
**Voltage Grade** : 9 GW (4.0 KV)  
**Conductor** : Circular flexible annealed tinned copper (Class 5)  
**Insulation** : EBXL EPDM  
**Sheath** : EBXL EVA

#### Data Sheet-3

**Cable Type** : Single Core wire red / GY colour 0.5 Sq mm  
**Voltage Grade** : 300 V / 500 V  
**Conductor** : Stranded tin plated copper  
**Insulation** : EBXL EVA

### Multi Core Cables for Electric Locomotives Types WAG-9, WAG-9H, WAP-5 & WAP-7

Limited fire hazard electrical insulation cable, dual wall insulation, low smoke halogen free, flame retardant, excellent resistance to high and low temperature, oil, ozone, weathering and abrasion flexible easy strippable.

**Specification** : CLW / ES / 3 / 0459 Alt. C  
**Temperature Range** : - 40° C to 120° C  
**Application** : For the purpose of use in control, sensor and driver circuits for protected installation, inside and outside railway rolling stock to connect fixed and moving parts.

#### Data Sheet-1

**Cable Type** : Multi Core Screened & Unscreened Cables  
**Voltage Grade** : 300 V / 300 V (0.5 Sq mm)  
**Conductor** : Circular flexible annealed tinned copper (Class 5)  
**Insulation** : EBXL EPDM  
**EMC Screen** : Annealed tinned copper  
**Sheath** : EBXL EVA

#### Data Sheet-2

**Cable Type** : Multi Core Screened & Unscreened Cables  
**Voltage Grade** : 600 V / 1000 V (1.0 Sq mm)  
**Conductor** : Circular flexible annealed tinned copper (Class 5)  
**Insulation** : EBXL EPDM  
**EMC Screen** : Annealed tinned copper  
**Sheath** : EBXL EVA



## Railway Cables

### Control Wires for Diesel Electric Locomotives including AWG size # 3

Thermosetting, flame retardant, oil grease resistant compound also resistant to moisture, caustic cleaning solutions, high ambient conditions, electrical overload conditions, abrasion, cut-through, compression and crush force and low smoke and acid gas generation properties.

<b>Specification</b>	: EDPS 179
<b>Temperature Range</b>	: - 65° C to 125° C
<b>Cable Type</b>	: Single Core Wires
<b>Voltage Grade</b>	: 600 V to 2100 V
<b>Conductor</b>	: Annealed tinned copper (Class 5)
<b>Insulation</b>	: Thermosetting flame retardant compound
<b>Application</b>	: For use within the electrical control system of diesel electric locomotives and other heavy duty industrial equipment

### Power Cables for Diesel Electric Locomotives including AWG size # 1 & larger

Thermosetting, flame retardant, oil grease resistant compound that is also resistant to moisture, caustic cleaning solutions, high ambient conditions, electrical overload conditions, abrasion, cut-through, compression and crush force and low smoke and acid gas generation.

<b>Specification</b>	: EDPS 304
<b>Temperature Range</b>	: - 70° C to 130° C
<b>Cable Type</b>	: Single Core Power Cables
<b>Voltage Grade</b>	: 600 V to 2100 V
<b>Conductor</b>	: Annealed tinned copper (Class 5)
<b>Insulation</b>	: Thermosetting flame retardant compound
<b>Application</b>	: For use within the power distribution of diesel electric locomotives and other heavy duty industrial equipment with variable duty cycle

### Traction / Rolling Stock / Metro Application as per BSEN Specification

Cable Type	Specification	Voltage Grade
Railway rolling stock high temperature power cables having special fire performance	BSEN-50382-1 BSEN-50382-2	<ul style="list-style-type: none"><li>1.8 / 3 KV unscreened, unsheathed with or without textile braid (1.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li><li>1.8 / 3 KV unscreened, sheathed (1.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li><li>3.6 / 6 KV unscreened, unsheathed with or without textile braid (2.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li><li>3.6 / 6 KV unscreened, sheathed (2.5 mm<sup>2</sup> to 400 mm<sup>2</sup>)</li></ul>
Railway rolling stock power and control cables having special fire performance	BSEN-50264-1 BSEN-50264-3-1 BSEN-50264-3-2	<ul style="list-style-type: none"><li>0.6 / 1 KV unscreened &amp; unsheathed (1 Sq mm to 400 Sq mm)</li><li>1.8 / 3 KV unscreened &amp; unsheathed (1.5 Sq mm to 400 Sq mm)</li><li>1.8 / 3 KV unscreened &amp; sheathed (1.5 Sq mm to 400 Sq mm)</li><li>3.6 / 6 KV unscreened &amp; sheathed (2.5 Sq mm to 400 Sq mm)</li></ul>
Railway rolling stock cables having special fire performance thin wall	BSEN-50306-1 BSEN-50306-2 BSEN-50306-3 BSEN-50306-4	EN 50306-4 specifies requirements for and constructions and dimensions of multi core & multi pairs cables rated 300 V to earth of the following type <ul style="list-style-type: none"><li>Unscreened, sheathed for either exposed or protected wiring (Size: 0.5 to 2.5 Sq mm &amp; no of cores: 2 to 48)</li><li>Screened, sheathed for either exposed or protected wiring (Size: 0.5 to 2.5 Sq mm &amp; no of cores: 2 to 8)</li><li>Screened, sheathed for either exposed or protected wiring (Size: 0.5 to 2.5 Sq mm &amp; no of cores: 2 to 7)</li></ul>



# International Approvals

**شركة البترول الوطنية الكويتية**  
**KNPC**

**VENDOR & CONTRACTORS EVALUATION COMMITTEE**

**RE: REQUALIFICATION LETTER**

**TO: M/S. THERMO CABLES LTD.**  
PLOT NO. 6-1, Q-3 (K), GREEN INDUSTRIAL PARK,  
MADCHERLA, MAHABUBNAGAR DISTRICT,  
INDIA

**DATE: 07th Nov 2020**  
**REF: COM/SGM/21/18**  
**FILE NO: Y 1796**

**SUBJECT: REQUALIFICATION LETTER**

**OUR REF: VVC/34563/19/SCC/021/2011**

Dear Sir,

We are pleased to inform you that your application to requalify you to FCC approval list of items has been approved for the product category and manufacturing facility treatment later below:

**PRODUCT CATEGORY: 2.5B - INSTRUMENT & COMPENSATING CABLES (NON-LEAD SHEATHED CABLES ONLY)**

**FACILITY ADDRESS: M/S. THERMO CABLES LIMITED  
PLOT NO. 6-1, Q-3 (K), GREEN INDUSTRIAL PARK,  
MADCHERLA, MAHABUBNAGAR (DISTRICT), INDIA**

**Validity: From 08<sup>th</sup> September 2021 to 08<sup>th</sup> September 2026 (5 years)**  
**Earlier Approval: 1. VVC-34563/19/SCC/021/2011 dated 18<sup>th</sup> October 2021  
2. VVC-34563/19/SCC/021/2011 dated 21<sup>st</sup> October 2021**

This notification of approval is issued subject to the following, failing which items for cancelled item at the discretion of FCC:

- To update regularly with the latest product catalogue / information.
- To furnish Regulatory Questionnaire as & when requested.
- To furnish Audited financial details for every two years.
- To update with latest contact details / Change in Local Agent.
- To update with Items: Change / Renaming / Factory Shifting.
- To submit request for Re-qualification if required 3 months prior to the date of expiry.
- To hold all valid regulatory certifications at all times.

Sincerely,  
**For Kuwait Oil Company**  
**Abdul Aziz Rashid Hussain**  
Off. File  
Tel: 23-67-13 3000-41, 3000-07-61

**شركة تنمية نفط عمان**  
**Petroleum Development Oman L.L.C.**

**CERTIFICATE OF REGISTRATION - PRODUCT JURISDICTION**

**CERTIFICATE NUMBER: PD/REG/2020/022**  
**VENDOR CODE: 100000** [DATE OF ISSUE: 25.07.2020]

**REGISTRATION DEVELOPMENT OMAN L.L.C.**  
Company Code

**MANUFACTURER: THERMO CABLES LIMITED**  
**COUNTRY OF ORIGIN: India**  
**LOCAL AGENT: TECHNICAL SUPPLIES INTERNATIONAL CO**  
**COMMERCIAL AGENCY NO.: 52004**

**POSTAL ADDRESS: AL KHODHAD P.O. Box 130 Ruyay**

IS REGISTERED WITH THE COMPANY AS AN APPROVED PRODUCT VENDOR PURSUANT TO THE SCOPE OF WORK OF THE CERTIFICATE FOR THE FOLLOWING PRODUCT LISTING(S) AS FOLLOWS:

**GENERAL REGISTRATION**

Product Code	Product Name	Registration Status	Registration Date	Registration Validity	Registration Category
320618	CABLES - FOR INSTRUMENTS & CONTROL	Q	08/09/2021	08/09/2026	2.5B - INSTRUMENT & COMPENSATING CABLES (NON-LEAD SHEATHED CABLES ONLY)
320621	CABLES - FIRE RESISTANT	Q	08/09/2021	08/09/2026	2.5B - INSTRUMENT & COMPENSATING CABLES (NON-LEAD SHEATHED CABLES ONLY)

Manufacturing facilities in Oman are listed below: (N-01-01-001)

**Abdul Aziz Rashid Hussain**  
Off. File  
Tel: 23-67-13 3000-41, 3000-07-61

**شركة تنمية نفط عمان**  
**Petroleum Development Oman L.L.C.**

**CERTIFICATE OF REGISTRATION - PRODUCT JURISDICTION**

**CERTIFICATE NUMBER: PD/REG/2020/022**  
**VENDOR CODE: 100000** [DATE OF ISSUE: 25.07.2020]

**REGISTRATION DEVELOPMENT OMAN L.L.C.**  
Company Code

**MANUFACTURER: THERMO CABLES LIMITED**  
**COUNTRY OF ORIGIN: India**  
**LOCAL AGENT: TECHNICAL SUPPLIES INTERNATIONAL CO**  
**COMMERCIAL AGENCY NO.: 52004**

**POSTAL ADDRESS: AL KHODHAD P.O. Box 130 Ruyay**

IS REGISTERED WITH THE COMPANY AS AN APPROVED PRODUCT VENDOR PURSUANT TO THE SCOPE OF WORK OF THE CERTIFICATE FOR THE FOLLOWING PRODUCT LISTING(S) AS FOLLOWS:

**GENERAL REGISTRATION**

Product Code	Product Name	Registration Status	Registration Date	Registration Validity	Registration Category
320618	CABLES - FOR INSTRUMENTS & CONTROL	Q	08/09/2021	08/09/2026	2.5B - INSTRUMENT & COMPENSATING CABLES (NON-LEAD SHEATHED CABLES ONLY)
320621	CABLES - FIRE RESISTANT	Q	08/09/2021	08/09/2026	2.5B - INSTRUMENT & COMPENSATING CABLES (NON-LEAD SHEATHED CABLES ONLY)

Manufacturing facilities in Oman are listed below: (N-01-01-001)

**Abdul Aziz Rashid Hussain**  
Off. File  
Tel: 23-67-13 3000-41, 3000-07-61

**شركة البترول الوطنية الكويتية**  
**KNPC**

**VENDOR & CONTRACTORS EVALUATION COMMITTEE**

**RE: REQUALIFICATION LETTER**

**TO: M/S. THERMO CABLES LTD.**  
PLOT NO. 6-1, Q-3 (K), GREEN INDUSTRIAL PARK,  
MADCHERLA, MAHABUBNAGAR DISTRICT,  
INDIA

**DATE: 07th Nov 2020**  
**REF: COM/SGM/21/18**  
**FILE NO: Y 1796**

**SUBJECT: REQUALIFICATION LETTER**

**OUR REF: VVC/34563/19/SCC/021/2011**

Dear Sir,

We are pleased to inform you that your application to requalify you to FCC approval list of items has been approved for the product category and manufacturing facility treatment later below:

**PRODUCT CATEGORY: 2.5B - INSTRUMENT & COMPENSATING CABLES (NON-LEAD SHEATHED CABLES ONLY)**

**FACILITY ADDRESS: M/S. THERMO CABLES LIMITED  
PLOT NO. 6-1, Q-3 (K), GREEN INDUSTRIAL PARK,  
MADCHERLA, MAHABUBNAGAR (DISTRICT), INDIA**

**Validity: From 08<sup>th</sup> September 2021 to 08<sup>th</sup> September 2026 (5 years)**  
**Earlier Approval: 1. VVC-34563/19/SCC/021/2011 dated 18<sup>th</sup> October 2021  
2. VVC-34563/19/SCC/021/2011 dated 21<sup>st</sup> October 2021**

This notification of approval is issued subject to the following, failing which items for cancelled item at the discretion of FCC:

- To update regularly with the latest product catalogue / information.
- To furnish Regulatory Questionnaire as & when requested.
- To furnish Audited financial details for every two years.
- To update with latest contact details / Change in Local Agent.
- To update with Items: Change / Renaming / Factory Shifting.
- To submit request for Re-qualification if required 3 months prior to the date of expiry.
- To hold all valid regulatory certifications at all times.

Sincerely,  
**For Kuwait Oil Company**  
**Abdul Aziz Rashid Hussain**  
Off. File  
Tel: 23-67-13 3000-41, 3000-07-61

**Abu Dhabi Company for Onshore Petroleum Operations Ltd.(ADCO)**

**THERMO CABLES LIMITED**  
P.O. Box No.  
City  
Country

Tel:  
Fax:  
E-mail:  
**ADCO Reg.No. 31248**  
Manufacturer (ENABLED)

License Name	Issue Date	Expiry Date
Owner/ Sponsor	IdwType (%) Holding	Nationality
Manufacturer	Status	
320618	CABLES - FOR INSTRUMENTS & CONTROL	Q
320621	CABLES - FIRE RESISTANT	Q

**Commercial Support Manager**

**Legends:**  
Agency Type: AGT-Agent, CSA-Certified Sole Agent, DSTR - Distributor, DSTR - Stockist  
Pre-Qual Status: F - Disqualified, N - Not Rated, O - Ordered, Q - Pre-Qualified, R - Rejected, E - Under Assessment  
Date: 02-Mar-16

**SAPEM**

**شركة سبعم**

**RE: REQUALIFICATION LETTER**

**TO: M/S. THERMO CABLES LTD.**  
PLOT NO. 6-1, Q-3 (K), GREEN INDUSTRIAL PARK,  
MADCHERLA, MAHABUBNAGAR DISTRICT,  
INDIA

**DATE: 07th Nov 2020**  
**REF: COM/SGM/21/18**  
**FILE NO: Y 1796**

**SUBJECT: REQUALIFICATION LETTER**

**OUR REF: VVC/34563/19/SCC/021/2011**

Dear Sir,

We are pleased to inform you that your Company has successfully completed the qualification process in accordance with SAPEM procedures.

The qualification status for the supply of goods under contract for the following commodity:

**REGISTERED - INSTRUMENT CABLES JAWHOOKED AND UNJAWHOOKED**

Please note that you have been registered in our Vendor Management Data Base with code 000021 and you are hereby requested to transfer to all communication with SAPEM.

Such registration shall be valid in respect of all supplies of goods to SAPEM as well as it shall not ensure the treatment of your Company if future bids received by SAPEM.

This qualification has a 30 (thirty) days validity, and the qualification status will be monitored through feedback analysis and if required, audit visits at your office under process.

We kindly ask you to promptly inform us of any change of your Company registration by getting our website also updated with and sending "Qualification Management" email.

Should any serious facts concerning management, registration and assets occur in a responsibility at management of matters, including on assets, technology, etc.), the given qualification, subject to SAPEM evaluation, could be revoked at any time after the date of the said event.

Sincerely,  
**For SAPEM**  
**Abdul Aziz Rashid Hussain**  
Off. File  
Tel: 23-67-13 3000-41, 3000-07-61



# Major Approvals

**Ref No. AN/SCM/VK/2020-21/000147**  
**Date: 24 March 2021**

**To:** M/s. THIRMO CABLES LIMITED,  
 NAGARJUNA HILLS,  
 PANJAGUTTA,  
 HYDERABAD-500 082  
 KARNATAKY DISTRICT,  
 TELANGANA STATE

**SUB: REGISTRATION OF FIRM**

**Ref: Your letter No. 01/ 27 January 2021.**

The firm is allowed to inform that M/s. THIRMO CABLES LIMITED, HYDERABAD-500 082 is now registered with AN, 2020 as follows:

Registration No.	AN/SCM/VK/2020-21/000147
Date of Registration	23 March 2021
Registration Valid up to	23 March 2024
Category of Registration	Manufacturer
Number of Category for existing individual units/branches	1
Number of Category for new units/branches	0
Category of Registration	Manufacturer
Number of Category for existing individual units/branches	1
Number of Category for new units/branches	0

The Director of this Lab reserves the right to cancel your registration at any time unless notice is given on any of the following grounds:

- Failure to observe, while functioning, the conditions given in tender form.
- Failure to comply in response to enquiries by tenderer or stop of tender process.
- Failure to execute the contract/supply orders satisfactorily.
- Non-compliance of the conditions in the application for registration/qualification.
- Any other grounds which in the opinion of the Director render retention undesirable.

By registering your firm as per the above you are not under any obligation to issue tender notices to you each and every time. Suppliers will be issued tendering up to the limit of procurement value at the discretion of the Director, AN.

Please inform any change in your contact details to the Director, AN.

Please acknowledge receipt.

Yours faithfully,  
 Director, AN

**Maragon Dock Shipbuilders Limited**  
 (Formerly known as Maragon Dock Limited)  
 (A Govt of India Undertaking)  
 C.No. U-13304/001504/2002/09  
 Hyderabad Road, Mangalore, Mangalore-575015,INDIA  
 Certified ISO 9001:2009 For Shipbuilding Division

**Purchasing Group 08 & 9 Dept**  
 Tel Number: 022-22780603  
 Fax Number: 022-22780602  
 E-Mail: [maragon@maragon.co.in](mailto:maragon@maragon.co.in)

**Ref No: L1000/0002/2019/14/2020/20/000024**  
**Date: 22.06.2020**

**To:** M/S THIRMO CABLES LIMITED  
 28, NAGARJUNA HILLS,  
 PANJAGUTTA, HYDERABAD-500082  
 Telangana,India  
 Tel No: +91 9048 4427042  
 Fax No: +91 9048 2320183  
 E-Mail: [maragon@thirmocables.com](mailto:maragon@thirmocables.com)

**Dear Sir,**

Sub- Supplier Registration

- Please refer to your application Ref. No. 09/2019 for Registration with M/s Maragon Dock Shipbuilders Limited as supplier.
- We are pleased to inform you that, on the basis of documents/submission furnished by you to the application form, it has been decided to register your firm as an approved Supplier with effect from date of issue of this letter for the Material groups mentioned below up to the 23.06.2020.

MATERIAL GROUP	DESCRIPTION
010000	CABLES - ELECTRICAL

- You may approach us at least 90 days prior to expiry of the registration for renewal. You may apply for renewal online on our website. Alternatively you may download the renewal form from WEB, website and submit the complete form with Enclosures. Please note that it shall be your responsibility to obtain license/permissions for re-validation of the registration.
- The Registration Number allotted to you is 100024. This number should be quoted on all future correspondence with MSL.
- You may keep visiting our website for getting against our web-portal.
- You are required to intimate to us changes, if any, in postal address, in the constitution of working of your firm, machinery, during the currency of registration, along with supporting documents for change of address.
- The registration is subject to review on the basis of evaluation of your performance against orders placed on you. Finally the decision of Registrar's name from the list of registered suppliers may be taken by competent authority without any liability / financial / or reference on our part in the event of address.

**MEMBER REGISTERED UNDER SECTION 80C OF THE INCOME TAX ACT, 1961**

**AN APPROVED SUPPLIER**

**Ref No: 0002/1000/04/2019/0447**  
**Date: 16.06.2020**

**To:** M/s. THIRMO CABLES LTD,  
 28, NAGARJUNA HILLS,  
 PANJAGUTTA,  
 HYDERABAD-500 082

**SUB-REGISTRATION OF FIRM AS APPROVED SUPPLIER**

**Ref: Your application letter No. 04/ 24 June 2020**

The Director of this Lab is pleased to inform you that, on the basis of documents/submission furnished by you to the application form, it has been decided to register your firm as an approved Supplier with effect from date of issue of this letter for the Material groups mentioned below up to the 23.06.2020.

- Registration No: 100002/04/2019/0447
- Date of Registration: 16 June 2020
- Category of Registration: Manufacturer
- Number of Category for existing individual units/branches: 1
- Number of Category for new units/branches: 0
- Category of Registration: Manufacturer
- Number of Category for existing individual units/branches: 1
- Number of Category for new units/branches: 0

The Director of this Lab reserves the right to cancel your registration at any time unless notice is given on any of the following grounds:

- Failure to observe, while functioning, the conditions given in tender form.
- Failure to comply in response to enquiries by tenderer or stop of tender process.
- Failure to execute the contract/supply orders satisfactorily.
- Non-compliance of the conditions in the application for registration/qualification.
- Any other grounds which in the opinion of the Director render retention undesirable.

By registering your firm as per the above you are not under any obligation to issue tender notices to you each and every time. Suppliers will be issued tendering up to the limit of procurement value at the discretion of the Director, AN.

Please inform any change in your contact details to the Director, AN.

Please acknowledge receipt.

Yours faithfully,  
 Director, AN

**HINDUSTAN SHIPYARD LTD.**

**REGISTRATION CERTIFICATE**

**Ref: Your letter No. 01/ 27 January 2021.**

The firm is allowed to inform that M/s. THIRMO CABLES LIMITED, HYDERABAD-500 082 is now registered with AN, 2020 as follows:

Registration No.	AN/SCM/VK/2020-21/000147
Date of Registration	23 March 2021
Registration Valid up to	23 March 2024
Category of Registration	Manufacturer
Number of Category for existing individual units/branches	1
Number of Category for new units/branches	0

The Director of this Lab reserves the right to cancel your registration at any time unless notice is given on any of the following grounds:

- Failure to observe, while functioning, the conditions given in tender form.
- Failure to comply in response to enquiries by tenderer or stop of tender process.
- Failure to execute the contract/supply orders satisfactorily.
- Non-compliance of the conditions in the application for registration/qualification.
- Any other grounds which in the opinion of the Director render retention undesirable.

By registering your firm as per the above you are not under any obligation to issue tender notices to you each and every time. Suppliers will be issued tendering up to the limit of procurement value at the discretion of the Director, AN.

Please inform any change in your contact details to the Director, AN.

Please acknowledge receipt.

Yours faithfully,  
 Director, AN

**Government of India**  
 Department of Space  
 Office of the Head OMS, ISRO-NG  
 LPSC Campus, 80 Feet Road  
 Mangalore - 575 005, INDIA  
 Tel: 0824-2523761 / 2523648  
 Email: ohs@isro.gov.in

**Ref: 1. L1/MS/0002/0001/0015-18-DL/1200/2019**  
**2. DOL, Coimbatore/DL, 1967/2019**

**Date: 12 December 2017**

**To:** M/s Thirmo Cables Ltd,  
 28, Nagarjuna Hills, Panjagutta,  
 Hyderabad-500 082  
 Ph: 9048 442320

**Sub: Enhancement of HT & LT Cable Manufacturers - Reg.**

This is with reference to the Expression of Interest received from you in response to notification issued above. Based on the verification of documents submitted with your Expression of Interest as stipulated and inspection at your manufacturing unit by the Department, your firm has been entered as an approved 'LT' Cables Manufacturer with effect from 01-10-2017.

This is for your kind information and records.

Yours faithfully,  
 Group Director, OMS, ISRO-NG

**ENGINEERS' INDIA LIMITED**

**Ref: 0002/1000/04/2019/0447**  
**Date: 27 October, 2020**

**To:** M/s Thirmo Cables Ltd,  
 28, Nagarjuna Hills, Panjagutta,  
 Hyderabad-500082, Telangana

**Subject: Revocation of Agreement with IS**

**Dear Sir,**

We refer to your registration as supplier member and are pleased to inform that your membership with IS has been terminated for the reason as mentioned below:

Item description	Material Group
M/Power Cable: Fire Retardant	All range
Cables (Medium Voltage) Power-PVC (VDE)	Type of insulation: PVC & XLPE
Cables (Control) (Computer) Power-PVC	No. of Layers: Capable for all
Thermo Couple Cables (Class 1)	All range
Signal Cables	All range

Single order shall be submitted by M/s Thirmo Cables Ltd.

This agreement is valid for your works located at: IS-02 (248), 04 (248) & 010, Green Industrial Park, Jubilee Hills, Hyderabad-500028, Telangana.

Single copy agreement with IS does not guarantee any regular flow of enquiries for information as proposed listed by IS, hereby with our tender details (0002/1000/04/2019/0447) / OHS portal ([www.isro.gov.in](http://www.isro.gov.in)) in the event of direct / indirect orders for the projects awarded by IS, neither does membership/offer and supply material orders as per the material / range / works as stated above including agreed responsibility matrix, as applicable. Secondly, kindly keep on submitting your regular orders for IS NSI / tender which, IS, will be entitled to place you as Demand Supplier as per the Terms and Conditions for agreement.

Any change in the product range, location of Works/Sales Office, Management/ Organization structure etc., shall be intimated to us immediately along with relevant document for the necessary action. Further, kindly update your contact details on regular basis so that you may keep on receiving IS communications. We, hereby reserve the right to terminate your membership if you fail to update your contact details on regular basis.

Please note that this agreement is subject to satisfactory execution of orders in delivery and quality of above items when ordered for various projects of IS/our clients. You are expected to submit status of progress periodically and a very high degree of integrity, commitment & honesty towards the work undertaken for projects under IS, observation, taking which, IS, will be entitled to initiate actions as mentioned in IS, procedure for suspension/revocation of membership/registration of member.

Yours faithfully,  
 Director, AN

# Accolades

**South Western Railway**  
Office of Sr. Electrical Mechanical Engineer  
New Laid Shed, 415Hampden Road,  
Bangalore - 560 006 Phone: 080 296 5800  
Fax: 080 29612084  
E-Mail: [esme@swr.indianrailways.gov.in](mailto:esme@swr.indianrailways.gov.in) WhatsApp: 9952122995



Sub-Performance feedback of Locomotive Insulated Wire - class 6R(1) and grade No. E2P5-L7P supplied by M/s. Thermo Cables Limited/Hyderabad-1ng.  
Ref: (1) Term's letter No. TCU/Thermo/6R(1)/L7P/Agreement, dt: 18.02.2021  
(2) PO number No. 519/2019-Cable 3, dt: 20-09-2019

File under ref (1). Performance feedback of Locomotive Insulated Wire - class 6R(1) and grade No. E2P5-L7P supplied by M/s. Thermo Cables Limited/Hyderabad is furnished as per the prescribed format.

PO No. & Date	P.O. Qty	Cable Size	Qty used out of Qty	Qty Exhausted of by Billings in system approx.	Final In Loss No.	Date of Receipt	Performance feedback
519/2019-Cable 3 09/12/19	25000	3C x 1.5mm <sup>2</sup>	1500	1500	1400	14.02.21	Satisfactory
			2500	2500	2500	25.02.21	Satisfactory
			2500	2500	2400	24.02.21	Satisfactory
			2500	2500	2400	27.02.21	Satisfactory
			2500	2500	2400	28.02.21	Satisfactory
			2500	2500	2400	11.03.21	Satisfactory
			2500	N/A	Loss in various locomotives	11.03.21	Satisfactory

**Chennai Metro Rail Limited**  
(A Joint Venture of Govt. of India and Govt. of Tamil Nadu)

Date: 18.12.2021

**To Whomsoever It May Concern**

This is to certify that M/s. Thermo Cables Ltd - Hyderabad has supplied the Locomotive Insulated Wire / Class Power & Control Cables to M/s. Chennai Metro Rail Limited project through M/s. Value Limited for Phase 1 and Phase 2 lots of Overhead and Underground Stations for the Metro referred purchase order.

Sl. No	Purchase Order	Date	Value in INR	Cable Type	Project
1	120000295	05.07.18	16,82,686	PRL/PLI Cables	519-06-03 & 519-06-04
2	120000061	05.07.18	82,54,273	PLI Cables	519-06-03 - 04
3	120000094	29.08.18	86,46,651	PRL/PLI Cables	519-06-03 - 04
4	120000063	01.08.18	8,11,94,063	LIN/PLI Cables	519-06-03 - 04
5	120000077	20.08.18	8,46,71,609	PRL/PLI Cables	519-06-03 - 04
6	120000195	05.09.18	23,82,817	PRL/PLI Cables	519-06-03 & 519-06-04
7	120000160	25.09.18	6,39,380	PRL Cables	519-06-03 - 04
8	120000204	23.09.21	8,71,95,695	PRL / PLI Cables	519-12-1 (Smt)
9	120000470	28.08.21	21,90,452	PLI Cables	519-12-1 (Smt)
10	120000420	16.07.21	25,84,846	PLI Cables	519-12-1 (Smt)

M/s. Thermo Cables have supported in meeting our project schedules by supplying Cables within the stipulated delivery period. The Cables are in operation and the Performance of the Cables is found to be satisfactory.

Thanking you,  
for Chennai Metro Rail Ltd

*[Authorized Signature]*  
Authorized Signatory

CMDL Depot, Adala Building, Prossesser High Road, Eeyanbala, Chennai - 600 197.  
Phone : 82700950 Fax : 82700950  
E-mail : [esme@cmrml.com](mailto:esme@cmrml.com) Website : [www.chennai-metro-rail.org](http://www.chennai-metro-rail.org)

**Thermo Cables Limited**  
Hyderabad

M/s. Thermo Cables Ltd  
Plot No. D-44, 45, 46, 47 & 50, Phase-V,  
IDA Jeedametta, Hyderabad,  
Telangana, India  
Pin- 500051  
Phone : 080-23999288

Search the Insulated Wires  
(24 core wires etc) before  
using them to meet  
Bangalore Stock Specifications Limited  
(Formerly known as Bangor Stock Limited  
at that of its name)  
Hyderabad Road, Bangalore, Number - 488-524  
Tel: 91(22) 2373 8158  
Fax: 91(22) 2373 8158  
E-mail: [esme@thermocable.com](mailto:esme@thermocable.com)  
Plot No. GM/CyD L/Cables  
Date: 18/11/2021

**Appreciation Letter to M/s. Thermo Cables Ltd, Hyderabad**

M/s. had a urgent requirement of special cable for Rail Low Head Traversing System (RLT) system, which was not available India. The tender for this cable was floated and only M/s. Thermo Cables Ltd. has offered the supply of cable meeting the stipulated special requirements.

The PO for supply of this cable was placed on M/s. Thermo Cables Ltd. on 24 Sep 21. As per PO terms and condition, the cable contract had delivery was 30 weeks from the placement of PO i.e. 24 Nov 21.

However, the order of 30,205 were scheduled in the first week of November. In order to complete these order as per delivery schedule to Indian Navy, M/s. Thermo Cables Ltd. to supply this special cable within 30 weeks in lieu of 38 weeks as per PO which was agreed by M/s. Thermo Cables Ltd.

M/s. and Indian Navy representatives had regular interaction with the following executives of M/s. Thermo Cables Ltd for early execution of the order and received cordial cooperation. These executives have made the special efforts at their ends to expedite the production of the cables

- 1. Mr. Satishrao Rao, President (Marketing)
- 2. Mr. Manohar Subramanian, Sr. CMD(Marketing)
- 3. Mr. Nalysagar K. DGM (Development)

M/s. management highly appreciate all the efforts and commitments shown by M/s. Thermo Cables Ltd. for supplying the critical cable Indian schedule and extending timely support to INL.

*[Authorized Signature]*  
(Anil V. Shrivastava)  
CMD(Design)

**White Stevedores India**  
COCHIN SHIPYARD LIMITED

Date: 04.02.2021

**To Whomsoever It May Concern**

This is to certify that M/s. Thermo Cables Ltd, Hyderabad has successfully executed 28 Km of RG-11 Co-axial Cable vide our PO No.4010004341 dt:04.03.2021. Thermo Cables has supported in meeting our project schedules by delivering Cables as per the terms and conditions of PO. The Cables are in operation and the Performance of Cables is found to be satisfactory.

For Cochin Shipyard Ltd.,

*[Authorized Signature]*  
ANOOOP B  
MANAGER-MATERIALS  
Phone: +91 484 2504226  
Mobile: +91 8138274884  
E-mail: [anooop.b@cochinshipyard.in](mailto:anooop.b@cochinshipyard.in)

**JSW Steel Limited**

Date: 22-04-2022

**To Whomsoever It May concern**

This is to certify that M/s. Thermo Cables Limited, Hyderabad is the successful supplier for CRD Application, Composite Franchise BPR Cables project meeting concerning duty.

M/s. Thermo Cables Ltd has supplied 207 & 400 kVv of BCL 200g/mm<sup>2</sup> & 90g/mm<sup>2</sup> & PCL 25g/mm<sup>2</sup> & 20X2 20g/mm Composite Cables with G core for CRD Application for our 500KV LAR Project against Pur & PO No.

Sl. V/No./PO0073/CAP/CL/470609324 Dated 04/02/2021 & 504943  
Sl. V/No./PO0073/CAP/CL/470609324 Dated 04/02/2021 - 408 & 400 kVv  
Supplied Composite CRD Cables have been successfully installed in Franchise LAR August 2021 & July 2022. The performance of the cables satisfactory in all.

10mm manufactured & delivered to site as per the Purchase order within the delivery schedule & quality requirements. Their performance for our projects has been satisfactory as we date.

For JSW Steel Limited,  
*[Authorized Signature]*  
S. L. Srinivas  
Thermo Cables Limited  
2B, Rajagopal Hills,  
Hyderabad - 501 082

**HITACHI**  
Systems (India) Private Limited

**Hitachi Energy India Limited**  
56008 Bangalore, IN

**BUSINESS**  
Card information  
FROM  
Appanna Nar  
PHONE DIRECT  
+91 97219734  
EMAIL  
[appannanar@hitachienergy.com](mailto:appannanar@hitachienergy.com)  
DOCUMENT ID  
REFERENCE NO.  
PGGASept1

TO,  
THERMO CABLES LIMITED  
Metrobongoru(Dist)  
Plot No. G2, GDA/Oren Industrial  
JADCHERLA  
TELANGANA - 50931  
India

DATE  
2022-09-30

Sub : REF PO Number: 5191308340 dated 27-09-2021  
Dear Sir/Madam

With reference to above subject we have procured following PO material from M/s Thermo Cables Ltd, Hyderabad for KPCL CRP project for Kadra, Kodasali, Alimatti dam power house.

Type of Cable	Item	Qty (Meters)	PO No	PO Date	Invoice Number & Date
ZHPRLS	4CX6 0550MM	11,000	5191308340	27-09-2021	11000011392
	12CX1 0550MM	10,000			27-10-2021
ZHPRLS (Zero Halogen Sheathed)	TCX1 0550MM	8,200	5191308340	27-09-2021	21000011410
	4CX1 0550MM	1,500			29-10-2021
Armored Cable	27CX1 0550MM	2,000	5191308340	27-09-2021	31000011411
	18CX2 0550MM	7,000			29-10-2021

M/s. Thermo Cables Limited, Hyderabad supplied all the above material with necessary approval & inspection. Performance of supplied cables are satisfactory till date.

Yours sincerely,  
*[Authorized Signature]*  
Appanna Nar  
SCM MANAGER PGGA (Systems, Communication and Services)

**Hitachi Energy India Limited**  
(Formerly known as ABB Power Products and Systems India Limited)  
Registered and Corporate Office:  
G. Sree Chandra Reddy Towers, 100/2/2  
Phase - III, Old Bangalore Road, 560 002  
Bangalore, Karnataka, India  
Phone: 081 6672700, 081 25511600  
Fax: 081 6672700, 081 25511607  
[www.hitachienergy.com](http://www.hitachienergy.com)

Local Address:  
488, S.S. Red Power Industrial Estate,  
560006 Bangalore

# Infrastructure

## Machinery

## Testing Equipment

Name of the Machine	Name of the Machine	Name of the Machine - Range/LC
Rod Break Down Machine (9 Die)	HOIST 'E' - 19 B Laying - 2 Nos	Fourier Transmission infrared Spectrometer (FTIR)
Rod Break Down Machine (11 Die)	HOIST 'G' - 30 Armouring - 2 Nos	Profile Projector
Rod Break Down Machine (13 Die)	HOIST 'G' - 30 B Armouring	Digital Thermometer With Sensor - 2 Nos
Skip Stranding Machine - 2 Nos	HOIST 'F' - 37 Laying	Hot Air Ageing Oven
<b>Electroplating Tinning Machine - 2 Nos</b>	HOIST 'F' - 37 B Laying - 2 Nos	Hot Air Oven 6 Nos - Up to 250° C & 300° C
Multi Wire Drawing Machine 30 mm	HOIST 'K' - 40 Armouring	Hot Set Oven
Multi Wire Drawing Machine 8 Wire - 2 Nos	HOIST 'H' - 48 Armouring - 2 Nos	Ozone Resistance Test Equipment
Fine Wire Drawing Machine - 4 Nos	HOIST 'H' - 48 B Armouring - 2 Nos	Smoke Density Apparatus - 3 Nos
Mixing Machine 75 mm - 3 Nos	HOIST 'J' - 72 B Armouring	Oxygen & Temperature index Apparatus - 2 Nos
<b>Kneader Line - 2 Nos</b>	HOIST 'F' - 96 Armouring	Flammability Tester - 3 Nos
75 L Kneader	HOIST 'K' - HV Area	Cold Chamber - 2 Nos
Ring Marker	HOIST 'L' - Drum Twister Area	Cold Bend Cold Impact Test Set - 20° C to +25° C
High Speed Core Rewinding - 4 Nos	HOIST 'O' - RBD Area	Hot Set Test Apparatus - 3 Nos
Taping Machine - 7 Nos	HOIST 'I' - Despatch - 2 Nos	Toxicity Index Test Equipment
Vertical Taping Machine - 6 Nos	Chain Hoist 'A' - G I Rewinding - 2 Nos	Halogen Acid Gas Emission Test Apparatus
Horizontal Taping Machine - 12 Nos	Chain Hoist 'C' - Simon Taping - 4 Nos	pH & Conductivity Test Equipment - 2 Nos - 0 to 14 pH
Single Twist Bunching Machine	High Speed Bunching Machine - 10 Nos	Abrasion Resistance Tester - 2 Nos
400 Single Twist Bunching Machine	Chiller - 2 Nos	Electronic Tensile Tester - 3 Nos - 0 to 1000 N
Tandem Extrusion Line (Ø50 + 65/35 mm)	Chiller 5 TR	Dielectric Breakdown Tester & Leakage Current Tester
Tandem Extruder Line (Ø80+ Ø100/Ø35)	Chiller 10 TR - 2 Nos	High Frequency Spark Tester - 8 Nos - 0 to 15 KV AC
Tandem Extruder Line (Ø35+ Ø50/Ø35)	Chiller 20 TR	Main Frequency Spark Tester - 2 Nos - 0 to 15 KV AC
Extruder Machine 20 mm Bi Color	PVC Mixer	Digital Micro Ohm Meter 5 Nos - 1 mΩ to 19.999 kΩ (2 Nos.)
Extruder Machine 45 mm	High Speed Mixer 60 kg	& 1 mΩ to 1.9999 kΩ (1 No.)
Extruder Machine 45 mm Bi Color	High Speed Mixer 120 kg	H V Tester 4 Nos - 0-5 / 10 KV
Extruder Machine 65 mm - 9 Nos	High Speed Mixer 200 kg	Million Mega Ohm Meter 4 Nos - 1 MΩ to 100 GΩ
Extruder Machine 70 mm	16 A High Speed Braiding - 3 Nos	Million Mega Ohm Meter 2 Nos - 1 MΩ to 50 TΩ & 2 MΩ to 20 GΩ
Extruder Machine 70/35 mm	16 F High Speed Braiding - 2 Nos	Digital L C R Q Meter
Extruder Machine 75 mm - 3 Nos	24 High Speed Braiding - 2 Nos	Thermal E M F Error Test Apparatus - 0 to 200 mV DC
Extruder Machine 80 mm - 4 Nos	24 A High Speed Braiding - 5 Nos	Digital M V Source Cum Meter - 0 to 199.9° C
Extruder Machine 100 mm	24 E High Speed Braiding - 4 Nos	Digimatic Caliper - 0 to 300 mm
Core Rewinding Machine - 7 Nos	24 F High Speed Braiding	Acid Gas Generation Apparatus 2 Nos
Cooling Tower - 6 Nos	48 High Speed Braiding	Swedish Chimney Test Equipment
GI Rewinding Machine - 20 Nos	3 HP Air Compressor	Water Immersion Test Equipment - Up to 100° C
Ceramic Butt Welding Machine	10 HP Air Compressor - 3 Nos	4 Cell Ageing Oven with Data Scanning Logger 2 Nos - 16 Channels
Butt Welding Machine - 15 Nos	15 HP Air Compressor	Heating Oven - Up to 200° C
<b>Electron Beam Accelerator</b>	20 HP Air Compressor - 2 Nos	Thermal Stability Test Apparatus
Pairing Machine - 4 Nos	25 HP Air Compressor	Water Absorption Test Apparatus Gravimetric
Pairing Back Twist Machine	100 HP Air Compressor - 3 Nos	Electronic Balance 2 Nos - 0 to 180 gms
Laying Machine (7 Bobbins)	Brazing Machine - 4 Nos	Electronic Weighing Machine - 10 gms to 3 kgs
Laying Machine (7 Bobbins) - Single Twist	H V Testing - 3 Nos	Kelvin Bridge - 0-11 Ω
Laying Machine (13 Bobbins)	Drum Twister Machine	Torsion Testing Machine (Digital Control Meter - Up to 99999 Count)
Laying Machine (19 Bobbins) - 4 Nos	630 Single Twister Machine 7 Bobbin	Fire Survival Test Equipment
Laying Machine (37 Bobbins) - 3 Nos	800 Single Twister Machine 12 Bobbin	Static Noise Rejection Ratio Meter - 60 to 100 dB
Laying (42 Bobbin)	1250 Single Twister Machine 19 Bobbin	H V Break Down Tester - 0 to 2.5 KV DC
Armouring Machine (30 Bobbin) - 2 Nos	DT 500 Buncher Machine	Transfer Impedance Tester
Armouring Machine (40 Bobbin)	Scissor Lift 2 ton	Steel Rule - 0 to 1 Metre
Armouring Machine (48 Bobbin) - 4 Nos	Steam Boiler	Steel Test Mandrel Set
Armouring Machine (72 Bobbin)	PVC Grinder	Condition Chamber 2 Nos - 20° C to 40° C (Temp.) & 40 to 80 RH
Armouring Machine (96 Bobbin)	Hydraulic Press	Insulation Resistance Tester - 0 to 1000 MΩ / 500 V
Extruder Sheathing Machine 80 mm - 2 Nos	PT Stranding & Taping Machine	Hydro Meter 4 Nos - 0.700 - 1.000 g / ml
Extruder Sheathing Machine 100 mm	Silicone Rubber Mixing Machine	Digital Stop Watch 5 Nos - 0 - 24 hrs
Cable Rewinding Machine - 5 Nos	65/150 Two Stage Extruder (Compounding Line)	Mutual Capacitance Meter - 1.999 nF - 1999.9 nF
GI Rewinding Strip Machine - 2 Nos	60 KVA UPS	Length Counter Meter - Up to 99999 mtr
Off Line Annealer	80 KVA UPS - 2 Nos	Tear Resistance Die
Nickel Plating - 2 Nos	100 KVA UPS	Coating Thickness Measurement Meter
Pointing Machine - 2 Nos	120 KVA UPS	Digital Multimeter 4 Nos - MΩ
Fork Lift - 2 Nos	160 KVA UPS	Inductance Decade Box - 10 mH - 10 H
Auto Clave	200 KVA UPS	Capacitance Decade Box - 10 pF - 10 μF
HOIST 'A' - Skip	250 KVA UPS - 2 Nos	Wet & Dry Thermometer 2 Nos - 40° C to +50° C
HOIST 'B' - 54 Stranding	320 KVA DG Set	Glass Thermometer 05 Nos - 10° C to + 110° C & - 10° C to 250° C
HOIST 'P' - Stores	365 KVA DG Set	Thermometer 02 Nos - 195° C to 205° C
HOIST 'C' - 7 B Laying	600 KVA DG Set	Digital Anemo Meter - 0 - 45 m/s
HOIST 'E' - 13 Laying	Inkjet Printers - 36 Nos	Digital Thermo Hygrometer 02 Nos - 0 to 95° C / 20 to 99% RH
HOIST 'E' - 19 Laying - 2 Nos	Laser Printers - 4 Nos	Senior Double Kelvin Bridge
		UV Radiation Test Apparatus
		Notch Propagation Tester (Analog)
		Water Bath (Size 120 cm X 90 cm X 60 cm)
		H V Probe Milimeter
		Abrasion Resistance Tester
		Dynamic Cut Through Tester
		Cable Analyzer
		Universal Testing Machine
		PC Based Crosstalk Attenuation & Impedance Meter Attenuation 0,1 to 20 dB,
		Cross talk (- 40 to 100 dB), Impedance 199.9Ω to 1.999kΩ



## OUR CUSTOMERS



**Thermo Cables Ltd**  
 An ISO 9001, 14001 & 45001 Certified Company

28, Nagarjuna Hills, Punjagutta, Hyderabad - 500 082  
 Telangana, India ☎ +91 40 44429292 📠 +91 40 23350583  
 ✉ info@thermocables.com; exports@thermocables.com  
 London Office  
 ☎ +44 7798771519

**Plant - I**  
 D - 44, 45, 48, 49 & 50  
 Phase V, IDA, Jeedimetla  
 Hyderabad - 500 055 Telangana, India  
 ☎ +91 40 23095058 / 7745 📠 +91 40 23090661

**Plant - II**  
 G 1, G 2 (A & B), G 9 (A & B) & G 10  
 Green Industrial Park  
 Jadcherla, Mahabubnagar - 509 301  
 Telangana, India

<b>Baroda</b>	8367449977	baroda@thermocables.com
<b>Bengaluru</b>	9341002070	bangalore@thermocables.com
<b>Chennai</b>	9094539439	chennai@thermocables.com
<b>Delhi</b>	9313438322	delhi@thermocables.com
<b>Hyderabad</b>	9396745763	mpr@thermocables.com
<b>Kolkata</b>	9339336204	kolkata@thermocables.com
<b>Mumbai</b>	9320643117	mumbai@thermocables.com
<b>Pune</b>	7709011059	pune@thermocables.com
<a href="http://www.thermocables.com">www.thermocables.com</a>		