ASME SETTING THE STANDARD

U U2

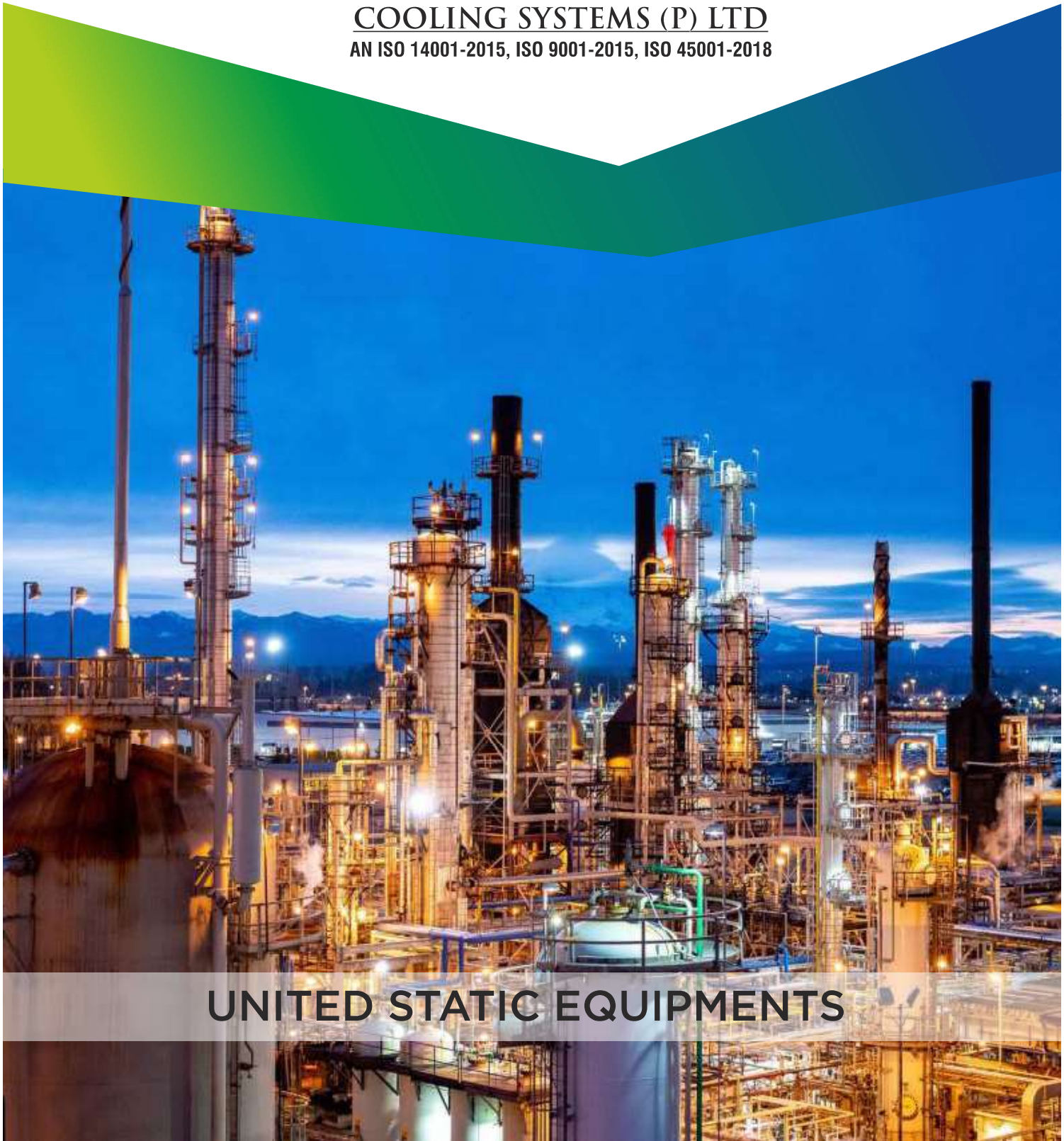
R NB

EIL IBR

35 YEARS

UNITED COOLING SYSTEMS (P) LTD

AN ISO 14001-2015, ISO 9001-2015, ISO 45001-2018



UNITED STATIC EQUIPMENTS

Since 1989, UNITED Cooling Systems Private Limited one of the leading manufacturers of various Heat transfer & static equipment proudly from India. We had Goal driven Management with team Enthusiastic Engineering, Quality Professionals along with dedicated Staffs. Energy sector was our major focus. Core strength is design equipped with specialized software's like HTRI, PV elite, STAAD pro, AutoCAD etc., Our range of products are of all types of **Heat transfer equipment, storage tanks, Pressure vessels and other custom-made static equipment.** Accredited by various authorities in different aspects as follows the ASME for 'U', 'U2', 'R' & "NB" Stamp by National Board. We are certified with quality & Safety systems, i.e., ISO 9001-2015 (QMS), ISO 14001-2015 (EMS) & ISO 45001-2015 (OHSAS) certifications. Member of API, TEXAS. Enlisted with "EIL" & registered with "IBR". We have a first-class R&D centre for consistent development with our products to meet requirements in the Oil & Gas, Petrochemical, and Refineries & Power Sectors in society. We are handling various alloys as MOC, after sales services for our range of products and provide a complete heat transfer solution from India with all under one umbrella.We undertake the **Fast track project in the market** and a 24X7 dedicated service team.Provides a complete solution to our stack's efficient and cost-effective results with futuristic improvements. Our engineering and production standards often exceed general standards and up to the mark, the objective being to supply a prime quality product that will provide low-cost and reliable service to our customers over many years. We engage and encourage the Indian products in our industry to support the national policy. We were committed to delivering assured quality products to the clients to increase the rate of retention

AIR COOLED HEAT EXCHANGER

The Air Fin Coolers (API 661 Coolers) is the most cost-efficient heat transfer equipment, The air-cooled heat exchangers are also known as dry cooling tower, Fin fan cooler, air fin Cooler. Since the cooling medium air totally free, through series of finned tubes cooled down the hot medium by means of forced or induced draft fans. It is nothing but an extended type of industrial or automotive radiators with modular construction finned tube bundles for easy transportation. Nil water loss and negligible level of maintenance is a credit for this type heat exchanger.

Various types of headers: Welded Bonnet Header,Plug Header,Manifold header,Plug and pipe header cover type header etc.,

Various types of Fins are 'L' type Wrap-On Fins, 'G' type Embedded Fins and Bi-metallic Extruded Fins, wire/ strip type copper wounded / knurled Fins are also used. Other than finned tube bundle and headers.

Designed and fabricated as per ASME Section VIII Division 1 & 2, API 661 Codes & Standards. These air-cooled type heat exchangers are used in Oil & Gas refinery, Power, Petrochemical and other process industries This can be used in high pressure high temperature applications.

PRESSURE VESSELS & COLUMNS

Pressure vessel & columns are used in oil & gas refineries, Process Industries, Chemical, Pharmaceuticals, Paint & Coatings, Resin Plants, Biotech industries etc., According to client requirement we design, Procure, fabricate, test and supply the vessels& Columns. Our thermal and mechanical design expertise team provide the right solution for customer requirement.Designed and Fabricated as per ASME Sec VIII Div 1 & 2, PD 5500 Codes & Standard Materials handled for Construction: Titanium, SS304, SS304L, SS316, SS316L, Duplex Steel or Carbon Steel, brass, Coupro-nickel, Nickel aluminium, brass, copper etc.The Operating range, Pressure-full vacuum to 100 Kg/cm².

HAIRPIN TYPE HEAT EXCHANGER

Hairpin heat exchanger will increase heat transfer coefficients in a single pass process stream with high temperature differentials. It is also known as double-pipe or multitube heat exchangers. A Hairpin Heat Exchanger and Double Pipe / Multi Tube Heat Exchanger can be described as a single pass shell and tube unit that has been folded in half to give it a hairpin appearance.

Hairpin Heat Exchanger Design

Our closure designs enable removable tube bundles for a variety of design conditions and applications. All closures have the following features: external split-rings lock the bundle to the shell, separate shell- and tube side gaskets prevent interstream leakage and improved gasketing and flanges that deliver improved leak tightness and facilitate easier removal.

SHELLAND TUBE HEAT EXCHANGER

It's the most common type of heat exchanger in the industries which is suitable for higher-pressure, heating and cooling applications. The conventional and most predominantly used Shell and Tube Heat Exchanger is basically categorized as

I Fixed Tube Sheet Heat Exchangers, ii) U-Tube Heat Exchangers, iii) Floating Head Heat Exchangers,iv) Tubular Heat Exchangers, v) Tube Bundle Heat Exchangers, vi) Stainless steel heat exchangers, vii) Titanium heat exchangers.

Materials of construction include Carbon Steels, Low Alloy Steels, High Alloy Stainless Steels, Copper Alloys, Nickel Alloys, Brass, Titanium, etc. as per the fluid conditions handled in the Exchangers.

OUR ESTEEMED CUSTOMERS AND EPC

IndianOil · ONGC · MRPL · NRL · ADNOC · Kuwait Oil Company · GPS · Oil India Limited · GAIL · NALCO · qaiwan group · QATAR STEEL · Basrah Gas Company · Petrofac · SAIPEM · OILSERV · Schlumberger · thyssenkrupp · wasco · L&T-CHIYODA LIMITED · Metso:Outotec · FORTUNE · FARABI PETROCHEMICALS · VME

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