




C TRU PROCESS EQUIPMENTS 53, Satyam Ind. Estate, Subhash Road, Jogeshwari (E), Mumbai 400060 INDIA	Literature	Doc No. : L-001	   <small>DNV Certification B.V., The Netherlands</small>
		Revision : 00	
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BENEFITS OF PRESSURE EQUIPMENTS DIRECTIVE			

We at C TRU Process Equipments stress the fact that we are authorized to affix the CE mark on our entire product range.

WHY?

This write up provides some important sections to “C Tru” as a manufacturer.

Under this directive pressure equipment and assemblies above specified pressure and/volume thresholds must:

- Be safe
- Meet essential safety requirements covering design, manufacturing and testing
- Satisfy appropriate conformity assessment procedures
- Carry the CE marking and other relevant information

Pressure Equipment and assemblies below the specified pressure/volume threshold must:

- Be safe
- Be designed and manufactured according to sound engineering practice and
- Bear specified markings but not the **CE** marking

Essential Safety Requirements lay down the necessary safety elements for protecting public interest. Essential safety requirements for design, manufacture, testing, marking, labeling, instructions and materials usually written in general terms are mandatory must be met before the product is placed on the market in the European Community.

Conformity Assessment must be undertaken by the manufacturer in order to demonstrate that essential safety requirements are met.




Sound Engineering Practice applies to equipment that is not subject to conformity assessment but must be designed and manufactured in accordance with sound engineering practice in order to ensure safe use. That equipment must ensure that design and manufacture takes into account all relevant factors influencing safety during the intended lifetime. The equipment must be accompanied with adequate instructions for use and must bear the identification of the manufacturer.

CE marking declares the completion of conformity assessment and that the equipment or assembly complies with the provisions of the directive and meets the essential safety requirements.

The requirements of applying the **CE** mark to our product encompass the whole process from design to purchasing to production to testing to labeling and to providing of Installation / Operation / Maintenance Manuals.

Starting right with the design there are rules to be followed. Parameters such as wall thickness, materials, flange ratings, welding details, bolt sizing and extent of nondestructive examinations are determined by

Fully PED Compliant		CE Marked where Relevant	
PRODUCTS / SERVICES ARE SOLD SUBJECT COMMERCIAL TERMS ON OUR WEBSITE			
C TRU PRODUCT RANGE			
“LEVELTROL” Liquid Level Gauges	“ARSEN” Sight Flow Indicators	“FLOCLEAN” Strainers	
“LEVELTROL” Liquid Level Switches	“ARSEN” Flush Bottom Valves	Toughened Borosilicate Glasses	
Tel: +91-22-32963546/65081035, Fax: +91-22-28361150 E mail: sales@arsen-india.com Website: www.arsen-india.com			

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design conditions such as pressure, temperature, corrosion allowance, fluid the equipment will be subject to. Based on the most stringent anticipated conditions a comprehensive set of calculations and a technical file is prepared.



These are reviewed and approved by a notifying body.

Materials to be purchased must comply as mandated by the design department. Material Test reports are required for all materials. These reports include chemical analysis, heat treatment particulars and NDE testing results if any. Review of the report provided by the vendor will determine whether the material is in compliance as mandated. All materials must be clearly identified to trace it to the applicable material test report.

Production processes have to be certified by the notifying body and after final assembly each and every product will be hydraulically tested as per

ASME B 16.5 HYDROSTATIC SHELL TEST AS PER SECTION 8
ASME B16.24 HYDROSTATIC SHELL TEST AS PER SECTION 11
ASME B 31.3 HYDROSTATIC LEAK TEST AS PER PARA 345.4.2(a)(c)

The final step is the application of the nameplate. A sample name plate is shown below.

○	LEVELTROL	○
Model :	Sr. No. :	
Nozzle Centre / Range :		mm
Max. Op. Pres. (bar) :		max.
Max. Op. Temp. °C :		max.
Hydraulic Test Pres. (bar) :		max.
Mat. of Const. :		
Sp. Gr. :		
 C-TRU	C-TRU PROCESS EQUIPMENTS Mumbai-400 060, India. Email : sales@arsen-india.com Website : www.arsen-india.com	 Notified Body No. 1128

Installation / Operation / Maintenance manuals are mandatory.

CE And C Tru

Manufacturing within the guidelines laid down under the PED provides you with C TRU products of the highest quality. Over and above C TRU manufactures all its product in an ISO 9001 – 2000 accredited facility and hold the ISO9001-2000 certificate from Det Norske Veritas so you can be assured we provide a quality product.

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