




C-TRU PROCESS EQUIPMENTS 53, Satyam Ind. Estate, Subhash Road, Jogeshwari (E), Mumbai 400060 INDIA	LITERATURE	Doc No. : 01-L-003	   DNV Certification B.V., The Netherlands
		Revision : 00	
		Page : Page 1 of 2	
SELECTING THE RIGHT SIGHT FLOW INDICATOR			

Installing the right sight flow indicator in the right place is not only a proven way to save considerable time and money but also an indubitable formula for identifying and repairing process line problem areas reliably and efficiently.

Various configurations are discussed in brief below for due consideration

- Flapper models are best suited for transparent or slightly opaque fluid.
- Drip Tube models are best suited for intermittent vertically downward flow.
- Rotor models are best suited for dark solutions or gases where the rotor motion is easily detected.
- Plain Models are best suited where observing colour and clarity hold precedence over verifying flow.
- Bi-directional flapper models are best suited for indication of flow direction in horizontal installations.
- Tubular Models provide 360⁰ viewing capabilities in pipe lines free of mechanical strains operating under low pressures.

Installation options for most of the above configurations include threaded, flanged socket weld or butt welded ends

SELECTION CHART

Influencing Factors	Body MOC	Sealing	Glass	Indicator MOC	Configuration
Fluid Compatibility	✓	✓	✓	✓	✓
Fluid Colour				✓	✓
Temperature	✓	✓	✓	✓	
Pressure	✓				✓
Line Stress					✓
Pressure Drop					✓
Flow Rate					✓
Environment	✓				


While the selection of the configuration is relatively easy it is imperative to determine materials that are not only compatible but also cost effective

Some of the variables that warrant consideration are:

Body:

- Cast Iron, Carbon steel and stainless steel are standard
- Ductile Iron, Monel, Hastelloy, Alloy 20 and lined bodies are also available

Fully PED Compliant		CE Marked where Relevant	
PRODUCTS / SERVICES ARE SOLD SUBJECT TO 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	
‘ARSEN’ – CLEARLY THE ✓ CHOICE			
Tel: +91-22-32963546/65081035, Fax: +91-22-28361150 E mail: sales@arsen-india.com Website: www.arsen-india.com			

C-TRU PROCESS EQUIPMENTS 53, Satyam Ind. Estate, Subhash Road, Jogeshwari (E), Mumbai 400060 <u>INDIA</u>	LITERATURE	Doc No. : 01-L-003	
		Revision : 00	
		Page : Page 2 of 2	
SELECTING THE RIGHT SIGHT FLOW INDICATOR			

Sealing Material:

- PTFE, Aramid (Non-Asbestos) are standard
- Buna –N, Viton, Silicon, EPDM are some of the seal materials also available

Choice of sealing material usually dictates temperature limitation

Glass:

- Annealed and tempered soda lime and borosilicate are the most widely used
- Aluminosilicate is available for high temperature applications
- Variety of glass shields are recommended depending on the fluid

Fully PED Compliant		CE Marked where Relevant
PRODUCTS / SERVICES ARE SOLD SUBJECT TO 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
‘ARSEN’ – CLEARLY THE ✓ CHOICE		
Tel: +91-22-32963546/65081035, Fax: +91-22-28361150 E mail: sales@arsen-india.com Website: www.arsen-india.com		