

# V. K. **CHEMICAL INJECTION PACKAGES**

Technical expertise  
and product knowledge  
developed over two decades  
are incorporated in  
the design & manufacture of  
**CHEMICAL INJECTION PRODUCTS**  
from single point injection  
units to multipoint and  
multifluid packages.

**ALL CONSTRUCTED TO  
INTERNATIONAL STANDARDS.**



Manufactured By

**V. K. PUMP INDUSTRIES PVT. LTD.**



## **The History**

V.K. Pump Industries Pvt. Ltd. was established in 1971 for the manufacture of Metering/Dosing Pumps.

As Metering Pumps are the heart of the Chemical Injection Packages (Dosing packages), V.K. was persuaded by customers like BHEL, ONGC, etc. to manufacture and offer complete skid mounted Chemical Injection Packages. V.K. commenced this activity in 1984. Since then, V.K. has manufactured and supplied Chemical Injection Packages tailor-made to suit individual requirement of BHEL, ONGC, ABB, L&T, GNFC, RIL, to name just a few.

## **The Services**

Technical expertise and product knowledge developed over the years, is incorporated in the package design.

V.K. offers full responsibility for the performance of the complete injection packages.

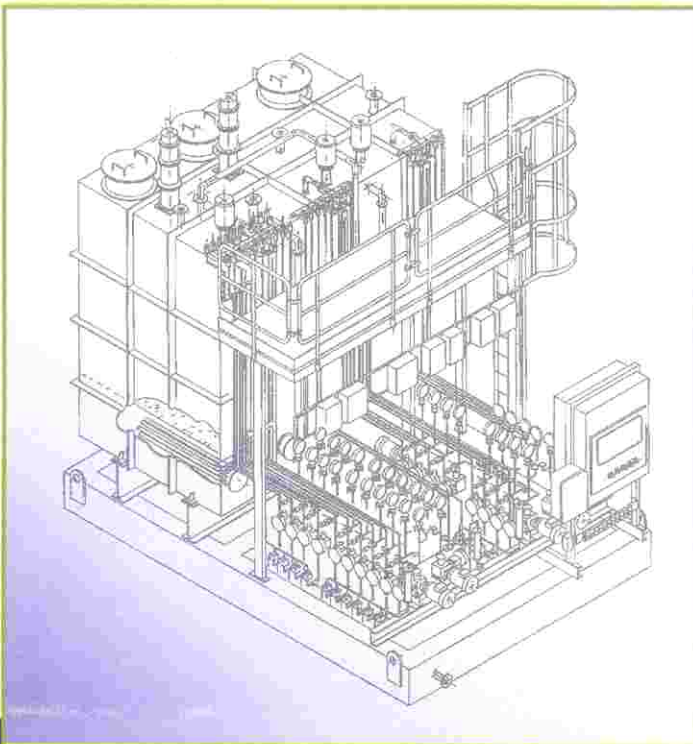
V.K. chemical injection packages are assembled by skilled technicians under full V.K. supervision.

Each system is tested prior to shipment by reputed inspection agencies such as EIL / DNV / TUV / SGS

## **Quality Assurance**

V.K. operates with a quality assurance manual written to comply with BS EN ISO 9002.

From contract review through the shipment, procedures are implemented to ensure that essential controls are maintained and applied during all stages of the contract.



A quality plan is drawn up specific to that contract and all activities are monitored to ensure that all inspection points are adhered to by our own inspection personnel and our clients' inspection department or their appointed representatives.

Production data is maintained during all stages of the contract enabling all parties involved to access certification of any components as required.

The quality programme initiated by V.K. ensures that the company maintains its first class reputation its field of quality assurance and all company personnel are dedicated to this aim.

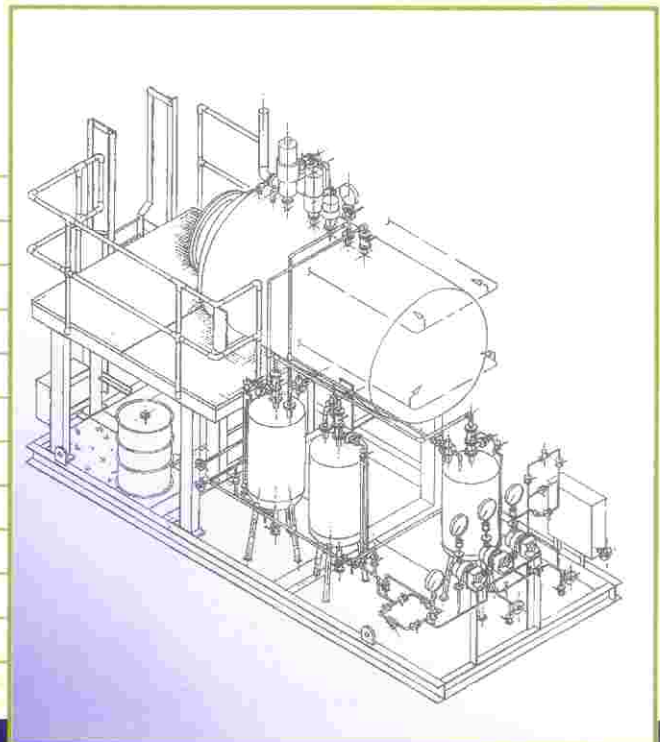


## **A typical Chemical Injection Package comprises of the following:**

- Metering Pumps : Plunger or Diaphragm Types
- Electric Motors : For Pumps & Mixers
- Suction Strainers
- Pressure Relief Valves
- Pulsation Dampeners
- Pressure Gauges
- Tanks : Stainless Steel or M.S. Rubber lined
- Top Entry Mixers (Agitators)
- Level Gauges
- Level Switches
- Interconnecting Piping Between Pump and Tank
- M.S. Fabricated skid - on which Tank and Pump are mounted
- Control panel Incorporating Annunciators
- Access Platforms

## **V.K.'s Chemical Injection Packages are in use for the following chemicals:**

<b><u>Chemical</u></b>	<b><u>Customer / Consultant</u></b>
HP & LP Dosing	ONGC URAN / Bhel
Hydrazine Dosing	NTPC-FARAKKA / Bhel
HP & LP Dosing	FCI, Ramagundam / Bhel
Hydrazine / Ammonia Phosphate	Chambal Fertilizer / PDIL
Phosphate / Hydrazine / Ammonia Dosing	Tata Chemicals Ltd. / TCE
P-TBC Injection	Reliance Industries Ltd.
HSD Dosing	L & T Ltd.
Phosphate Dosing	Bhel - Trichy
Mercaptan Dosing	East India Petrochemical
Phosphate / Hydrazine / Caustic Dosing	Madras Refineries Ltd. / EIL
7 Nos Chemical Injection Packages	BPCL - Mahul Refinery / EIL
8 Nos Chemical Injection Packages	IOCL - Panipat Refinery / EIL





**A Sulphide Package to Inject Dimethyl Disulphide.**



**A Multipoint / Multifluid Injection Package for IOCL Panipat**



**A Sodium Phosphate Injection Package.**



**Polyelectrolyte Injection Package.**

V.K. Pumps with their associates in U.K. can take up the manufacture of special chemical injection packages, recipe metering packages for the Food/Pharmaceutical and chemical processing industries, from single point injection units to multi fluid packages system.



**V. K. PUMP INDUSTRIES PVT. LTD.**

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