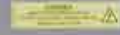
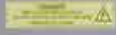




# SHAMROCK™ RESEARCH & DEVELOPMENT

Where Research is Developing...™



**R&D Equipment And Instrumentation**

Sr. No.	Laboratory
01.	Karl Fischer Titration Equipment
02.	Ultraviolet Spectrophotometer (UV)
03.	Infra Red Spectrophotometer (FTIR)
04.	Nuclear Magnetic Spectrophotometer (NMR)
05.	High Performance Thin Layer Chromatography (HPTLC)
06.	High Performance Liquid Chromatography (HPLC)
07.	Thin Layer Chromatography (TLC)
08.	Gas Chromatography (GC)
09.	Atomic Absorption Spectrophotometer (AAS)
10.	Laser Particle Size Analyser

Sr. No.	Pilot Plant Equipment
01.	Reactors comprises of Stainless Steel as well as Glass Lined ranging 35 Ltrs to 900 Ltrs.
02.	Operating Range is from -40°C to 250°C, pressures upto 15 A.T.M. and Vacuum upto 1 mm/hg.
03.	Hydrodenation Reactor of 100 Ltrs capacity upto 20 bar.
04.	Centrifuges, Filters and Distillation units of corresponding sizes.
05.	Heating and Chilling equipments of corresponding sizes.

Sr. No.	Laboratory or Kilo Laboratory
01.	Glass vessel from 5 Ltrs to 50 Ltrs.
02.	Distillation Units

