

USED OIL RE-REFINING, ZERO CLAY TECHNOLOGY, ENVIRONMENTALLY FRIENDLY

- § PROMOTED BY N.R.D.C. MINISTRY OF SCIENCE, GOVT OF INDIA
- § AS PER THE CENTRAL POLLUTION CONTROL BOARD NORMS CAPACITIES:
- § For continuous process, WITH WIPED FILM MOLECULAR DISTILLATIONS,
Capacities: 200 Liters per hour to 5,000 Liters Per hour
- § FOR SMI-CONTINUOUS PROCESS:
Capacities: 12,000 LITERS per Day to 75,000 liters per day

PLANT SPECIFICATIONS (CONTINUOUS, 3- STAGE THIN FILM, MOLECULAR DISTILLATION PLANTS) PROCESS VACUUM 0.001 MBAR

Throughput (Liters per hour)	200	500	1,000	3,000	5,000
Total Power, KW	150	200	240	300	400
Land, Metre ²	800	1,000	2,000	4,000	5,000
Builtup Shed, M ²	150	250	500	1,000	1,600
Staff/labour	9	15	15	18	18
Base Oil Per Month, KL	72	180	360	1,100	1800
Processing Cost, Approx USD/Ltr input	0.05	0.04	0.03	0.02	0.02
Residue %	8	8	10	10	10

PLANT SPECIFICATIONS (SEMI-CONTINUOUS) PROCESS VACUUM 0.001 MBAR

Throughput (Liters per Day)	12,000	24,000	50,000	75,000
Total Power, KW	180	220	275	350
Land, M ²	1,000	2,000	4,000	5,000
Builtup Shed, M ²	250	500	1,000	1,600
Staff/labour	15	15	18	18
Base Oil Per Month	165	330	650	1,000
Processing Cost, Approx USD/Ltr input	0.04	0.03	0.03	0.02
Residue %	15	15	18	20

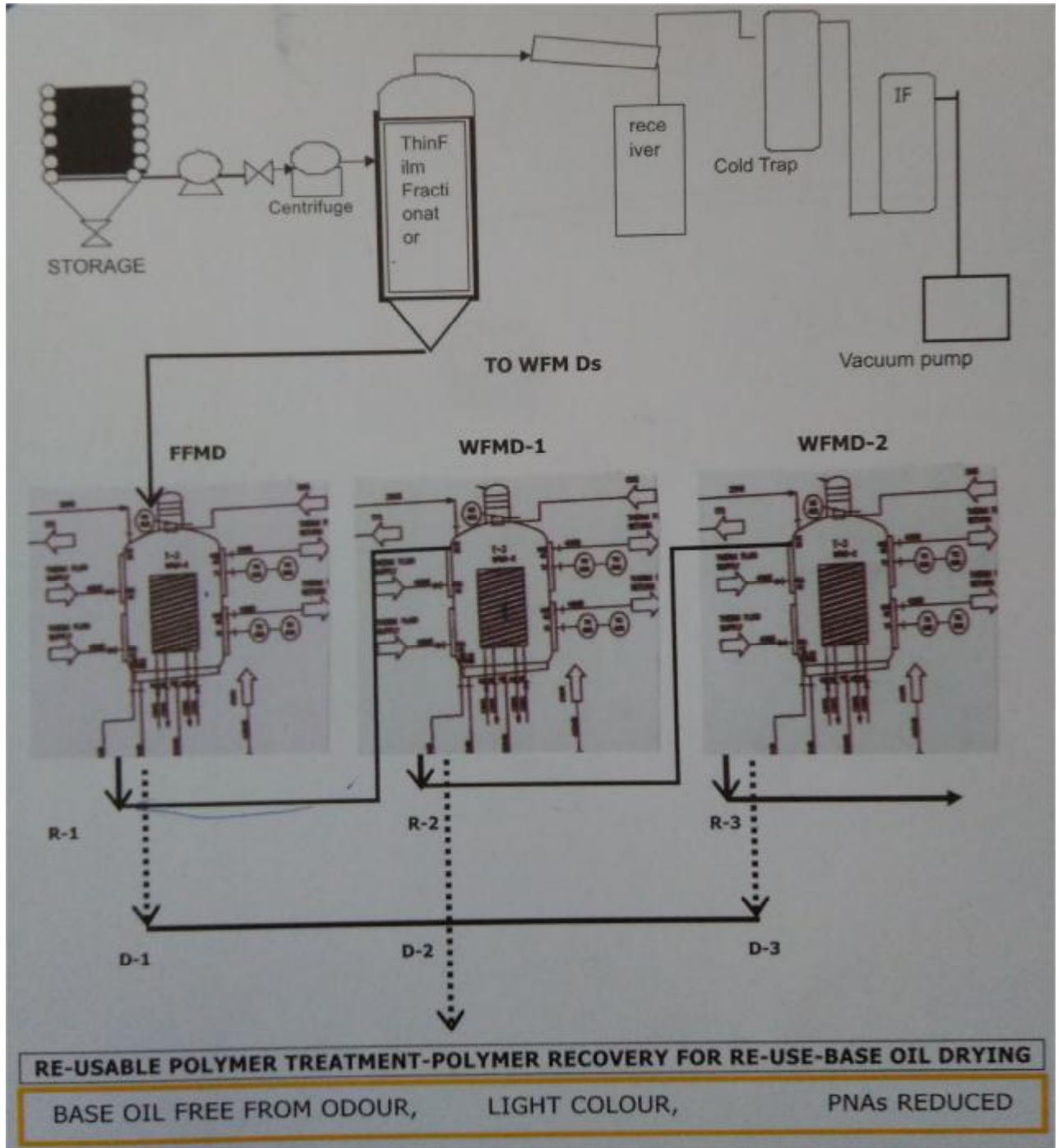
SALENT FEATURES:

1. 38 projects supplied till Dec 2014, worldwide
2. Clay Free, Thin Film, Continuous Molecular Distillation.
3. The Distilled Base Oil is Processed with the re-usable, Polymer-SM to bring down Odour, Color and Poly Nuclear Aromatics

ATOMIC VACUUM COMPANY (EXPORTS)

TECHNOLOGY FOR HIGH VACUUM PROCESSING

PROCESS FLOW SHEET (CONTINUOUS PROCESS PLANTS)



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