



# ERDÖL RAHMEN ENGINEERS

## About Us...

We, Erdol Rahmen Engineers Private Limited (ERE) are active in production & installation of petrochemical field plants and equipments since 1988. Our main focus is to develop technology & process to improve Environment quality, that's why one of our main product is **Used Oil Recycling Plant** which recycles used lube/engine oil to clear base oil with minimum impact on environment and gives best quality lube oil. Also we have developed technology for **Lube Oil Blending Plant** which has maximum automation and minimum maintenance & man-power compared to other technologies. Since now, we have installed plants having annual processing capacity from 0.73 Million Liters (0.19 Million US Gallons) to 21.9 Million Liters (5.78 Million US Gallons). Our R&D team works continuously to make process & machinery eco-friendlier so our future generation can have environment worth living. We believe in providing long-life products. So we prepare our all equipments with high graded raw material, latest machinery, qualified and experienced engineers. All manufactured machinery at our workshop has to pass through tough tests before delivery so it can work flawlessly during its working life.

What we have been doing...



*Erdol Rahmen Engineers (2<sup>nd</sup> unit), Ahmedabad, India*

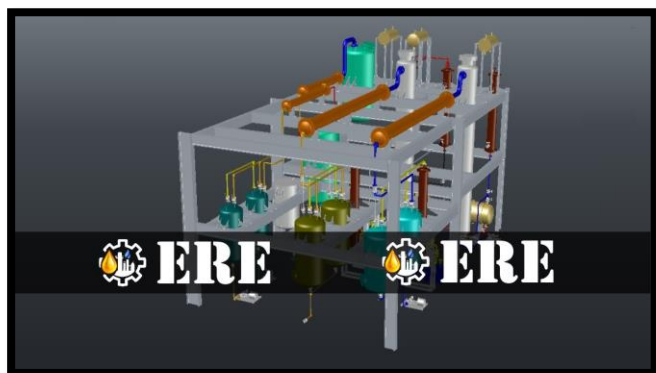
- 1988      Founded as manufacturer of process equipments and storage tanks
- 1993      Installed first Used Oil Recycling Plant with basic technology
- 1999      Installed 6 Used Oil Recycling Plant in Ahmedabad City in 6 years which formed re-refined base oil market, which is still biggest market of re-refined base in all over India having more than 20 used oil recycling plants installed by us

- 2002**      **Installed first Lube Oil Blending Plant**
- 2007**      **Introduced first Used Oil Recycling Plant with distillation under ultra-high vacuum followed by clay treatment**
- 2011**      **Introduced Semi-Automatic Blending Plant with automatic raw material measuring technology**
- 2014**      **Introduced advanced Air Pollution Control System which could process treat exhaust gases of refineries, took a step ahead in cleaning environment**
- 2016**      **Installed first Used Oil Recycling Plant using WFE evaporator**
- 2017**      **Established biggest Used Oil Recycling Plant of India with 60 KL/Day capacity and 900 KL storage**
- 2018**      **1. Introduced Solvent Extraction bleaching method  
2. Introduced maintenance free high performance Used Oil Recycling Plant with Column Type Evaporator**

## **Our products...**

- 1. Used oil recycling plant batch type with clay-treatment**
- 2. Used oil recycling plant batch type with solvent-extraction**
- 3. Used oil recycling plant continuous type with column evaporator & clay-treatment**
- 4. Used oil recycling plant continuous type with column evaporator & solvent-extraction**
- 5. Used oil recycling plant continuous type with WFE & clay-treatment**
- 6. Used oil recycling plant continuous type with WFE & solvent-extraction**
- 7. Lube oil blending plant ABB (Automatic Batch Blending)**
- 8. Lube oil blending plant SABB (Semi-Automatic Batch Blending)**
- 9. Lube oil blending plant ILB (In-Line Blending)**
- 10. Bio-diesel plant**
- 11. Petroleum storage tanks fabricated of mild-steel and stainless-steel**
- 12. Universal bottle filling machine**

## Glance at our work...

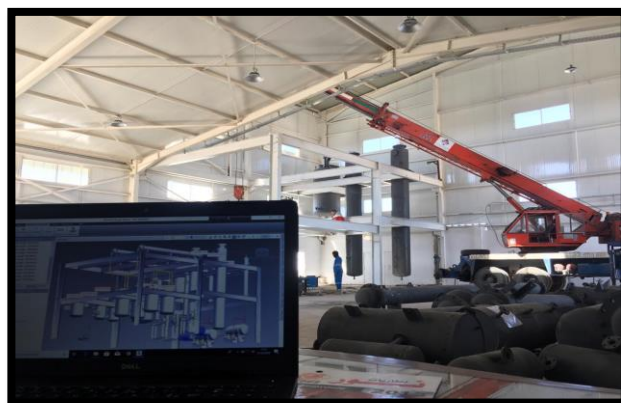


### Designing and understanding customer's requirement

Before starting of manufacturing process, we calculate all the aspects of customer's available assets and requirement, accordingly our prepare team prepare engineering data and drawings so we can provide utmost satisfaction to customer.

### Installation

Once all equipments are manufactured at facilities of ERE, it is sent to customer's site. ERE provide all required drawings, installtion guideline & support to customer so that plant could be installed easily and production can be started. ERE provide overseas installation support & aftersales service on customer's requirement.



### Batchwise used oil recycling plant

This picture represents our batchwise used oil recycling plant which is most feasible type of plant as it processes 1 batch in 8 hours so within 1 working shift, plant gives re-refined base oil. The plant in picture is able to process 10000 liters per batch. Its been operated by our customer since 2014.





### ABB Lube oil blending plant

ERE has developed state of art software **Smartblend Program** for best experience of ABB (Automatic Batch Blending) technology. All equipments of lube oil blending plant are manufactured with high functionality and long life.

### ILB Lube oil blending plant

This image represents ERE's ILB lube oil blending machine installed in Bangladesh. The machine is very compact in size and fully automatic. ERE provide inline blending machine from processing capacity of 2000 Liter/hour to 10000 Liter per hour. The machine is connected with ethernet so ERE can provide software update remotely.



### Used oil recycling plant with WFE

WFE is one of the highly preferred technology in used oil distillation process. We provide complete used oil recycling plant with WFE (Wiped Film Evaporator). This picture represents the same technology having processing capacity of 1000 Liter/hour.

### Tank farm

We design tank farm as per customer's requirement. The tank farm developed by us are have convinient facilities for storage, transferr, cleaning etc. and uncompromised safety levels. The image represents tank farm with 900 KL (237755 US Gallons) storage capacity developed at Gujarat, India.



## Contact us...

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