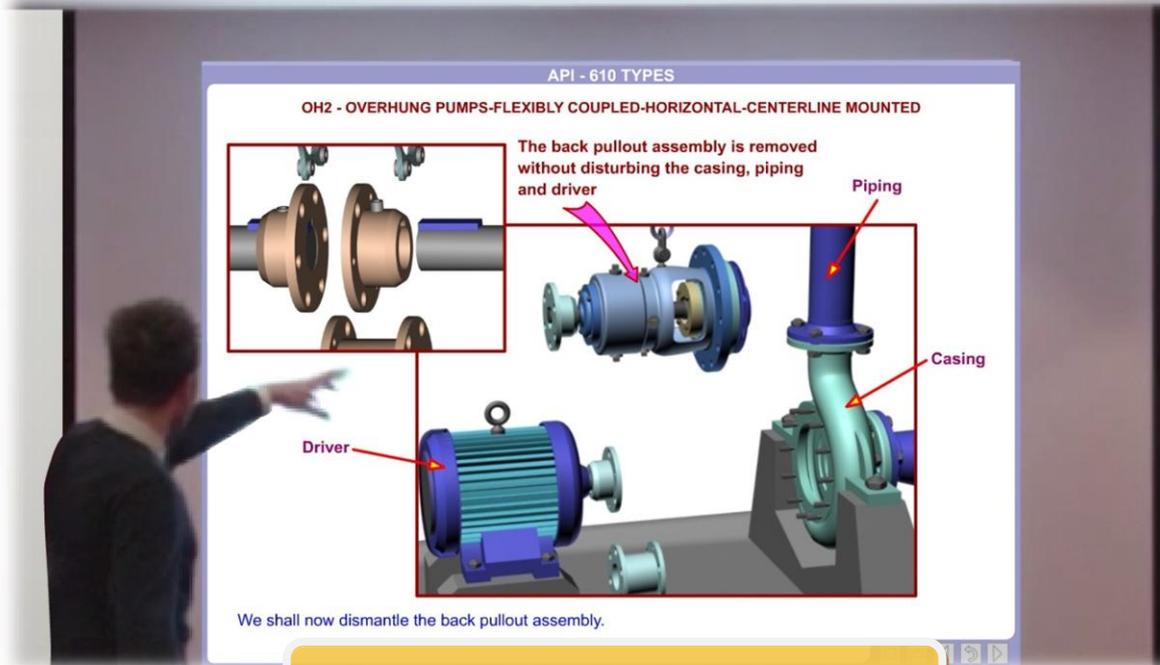


BUSINESS INDUSTRIAL NETWORK PRESENTS...

**MULTIMEDIA FOCUSED – INTERACTIVE
TRAINING COURSES**

For VOCATIONAL TRAINING in COMMUNITY COLLEGES



**COURSES ENABLE HIGHLY EFFECTIVE
INSTRUCTOR-LED TRAINING**

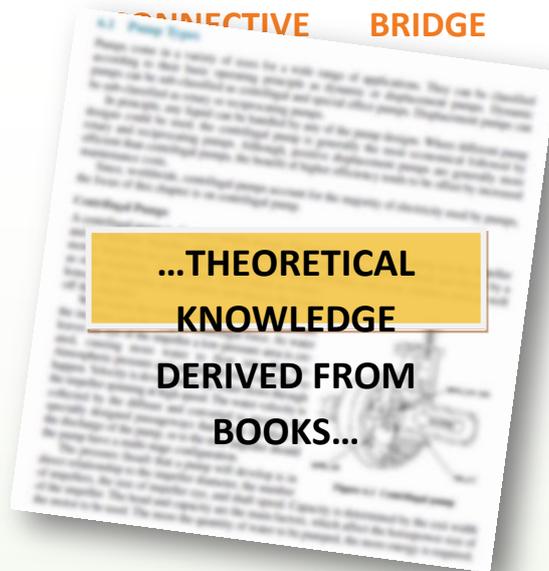


**COURSES PROVIDE A POWERFUL MODE FOR
SELF LEARNING
IN CLASSROOMS ACROSS THE INTRANET**

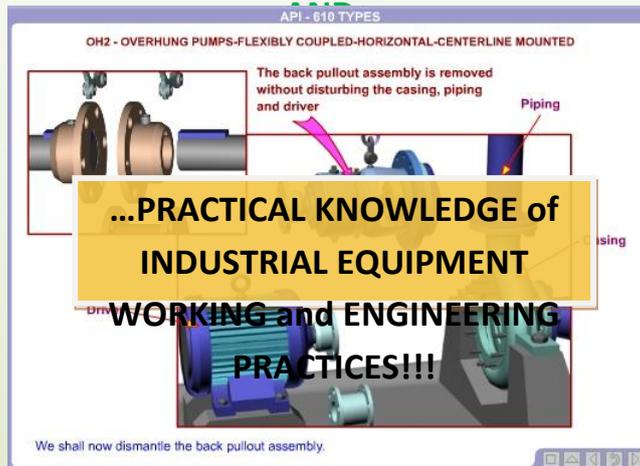
See more Details and contact us at ...
BIN95.com/Mechanical-Eng-Classes.htm

**BUSINESS INDUSTRIAL NETWORK
BIN95.com**

THE DELIVERABLES
PROVIDE THE
CONNECTIVE BRIDGE



...



Basic mechanical training with these mechanical engineering classes. These highly interactive and simulated certificate courses provide the mechanical basics on several topics. Just to name a few, there are Industrial Hydraulics, Refrigeration & Air Conditioning, air compressor, steam turbine, etc. Hands-on experience via interaction with simulators helps with certificate courses like the Centrifugal Pump Training and Troubleshooting course. The practical Application courses offer years of experience, like the Rotating alignment course and the condition-based maintenance course. Break down and build components like heat exchangers and valves, etc.. All courses are available in several different delivery formats.

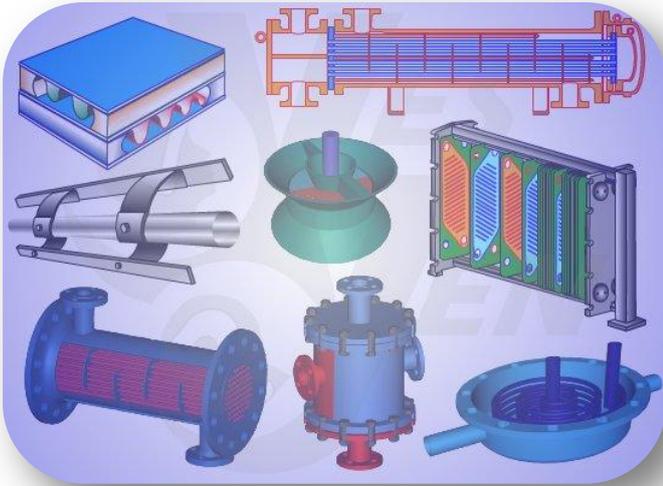
MULTIMEDIA FOCUSED INTERACTIVE TRAINING SOLUTIONS

- With the increasing awareness of training being a necessity and the advent of e-learning playing a major role, we have a committed team of professionals towards development of quality training material, in meeting the current challenges and requirements. The team is actively involved in the development of Computer Based Training (CBT) and Management Solutions for Process Industries and Vocational Training Colleges.
- The solutions incorporate Multimedia techniques and stand out with its focus on:
 - Greater Interactivity
 - Enhanced Graphics and Diagrams with Relevant Text / Audio
 - Powerful Animations
- For Effective and Practical e-learning, the necessity of easy access of content across the Intranet is strongly felt. The solutions ensure that:
 - The content is effortlessly accessible across a shared network.
- E-learning has distinct advantages:
 - E-learning does not call for collection of participants at one time.
 - Each participant has his own speed of grasping content. In e-learning each participant can proceed at their own speed of learning.
 - E-learning encourages learning at any time.
- Powerful training tool for Instructors / Faculty
 - The knowledge and guidance from Instructors / Faculty is a treasure of experience. The comprehensive, well-structured, informative and interesting content of the e-learning packages also serve as a powerful readymade tool to conduct highly engrossing 'Training Programs'.
- With the combination of deliverables, we are sure that the training material provides understanding levels and accessibility that probably has never been achieved before.

The benchmarked training content is being used by industries and community colleges worldwide.

Please **contact us to view ANIMATED DEMOS** and for **further details** of the various training topics.

HIGHLIGHTS of the various TRAINING TOPICS available



CBT ON HEAT EXCHANGERS

- A large range of Heat Exchangers
- Popular Exchangers like 'Shell and Tube' covered in great detail
- Extensive 2D / 3D Graphics, Models & Animations
- Game on TEMA selection! Around 250 exchangers to be assembled
- Glossary, Skill tests, Certificate printouts...

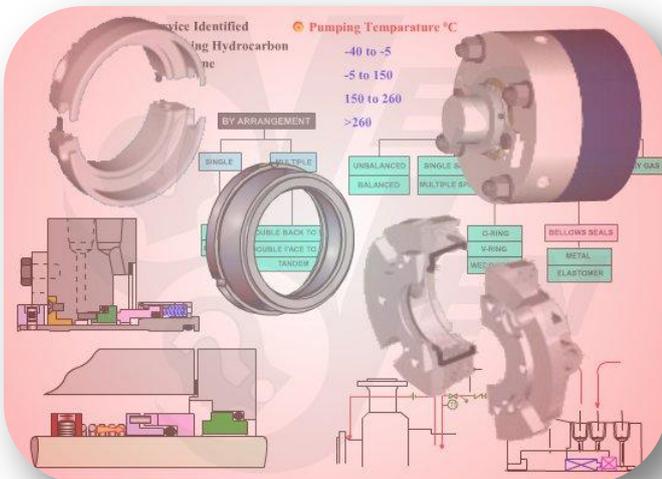
CENTRIFUGAL PUMP & TROUBLESHOOTING

- Basics & Principles of Pump - Working
- Detailed understanding of API - 610 types of pumps
- Extensive 2D / 3D Graphics, Models and Animations
- An Interactive, Graphically supported Troubleshooting Guide
- Glossary, Games - Component Assembly, Skill tests, Certificate printouts...



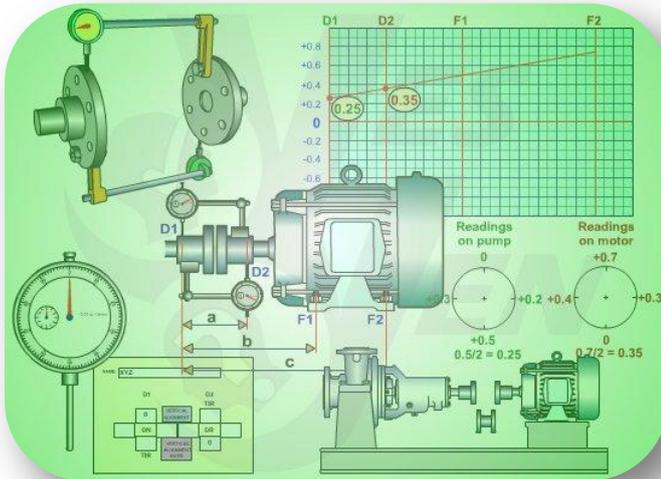
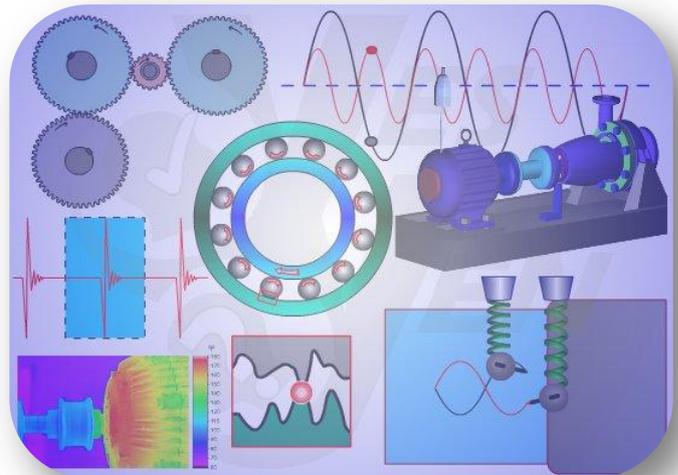
MECHANICAL SEAL & SEAL SELECTION PROCEDURE

- Extensive coverage of Seal Types, Designs, Arrangements, etc.
- API - 682, Types, Arrangements / Plans
- 2D / 3D Graphics, Models & Animations
- An Interactive, Seal Selection Procedure tool
- Glossary, Skill tests, Certificate printouts...



CONDITION BASED MAINTENANCE (CBM) & CONDITION MONITORING TECHNIQUES

- Detailed understanding on CBM
- Life cycle patterns, Potential / Functional failure, etc.
- Vibration Monitoring covered explicitly
- Detailed coverage on Tribology and Thermography
- Graphics & Animations, Skill tests, Certificate printouts...

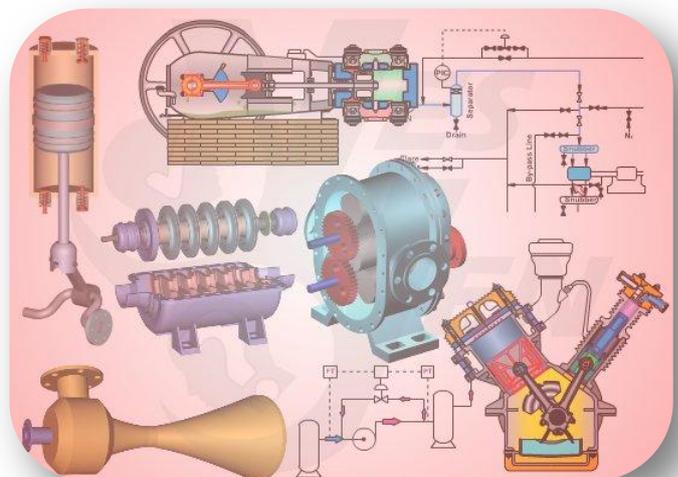


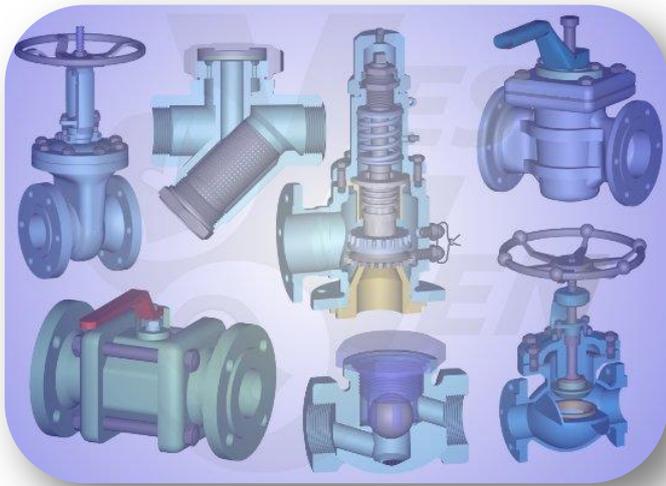
ROTATING EQUIPMENT ALIGNMENT PRACTICE & ALIGNMENT TOOL

- Alignment Basics, Accessories and Various Methods covered
- Explicit coverage of Reverse Dial Method
- Latest techniques like Laser Alignment
- Extensive Graphics, Animations, Skill tests, Certificate printouts...
- Alignment Tool, 'SlideALine', using Reverse Peripheral Method

CBT ON COMPRESSORS

- Basics & Principles of Compressor - Working
- Various Industrial compressors described
- Detailed coverage on Reciprocating, Centrifugal & Screw compressors
- Extensive 2D / 3D Graphics, Models and Animations
- Flow paths, Skill tests, Certificate printouts...



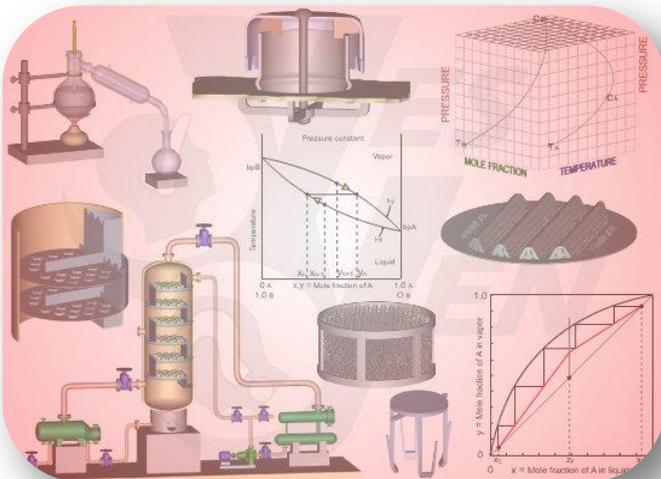
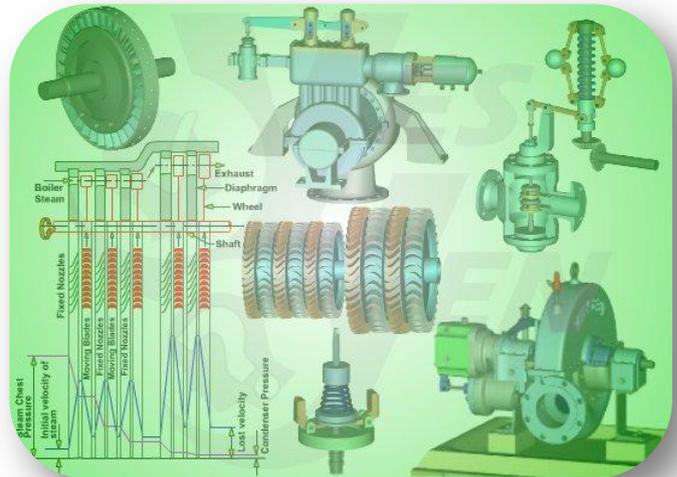


CBT ON VALVES

- Introduction, Classification of Valves
- An extensive range of Valves covered
- Extensive 2D / 3D Graphics, Models and Animations
 - Detailed coverage on Working, Dismantling, Assembly, etc.
- Games on Component Assembly, Skill tests, Certificate printouts...

STEAM TURBINES & GOVERNING SYSTEM

- Basics & Principles of Turbine & Governing System - Working
- Detailed description of various Turbine Types and individual Components
- In-depth coverage of Woodward type Governors
- Extensive 2D / 3D Graphics, Models & Animations
- Games on Component Assembly, Skill tests, Certificate printouts...

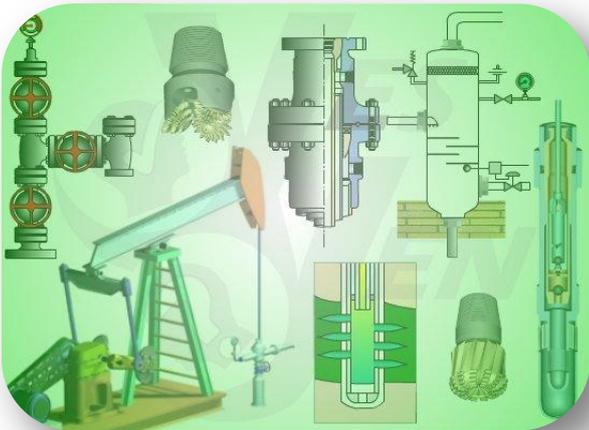
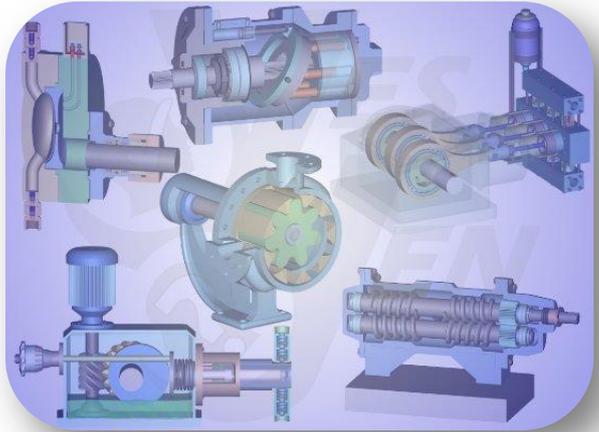


CBT ON DISTILLATION

- Vapor-Liquid Equilibria and related principles explained in detail
- Various Distillation Practices covered
- Detailed coverage on Fractionation Equipment & Operation
- In-depth understanding achieved by 2D / 3D Graphics, Models & Animations
- Skill tests, Certificate printouts...

CBT ON POSITIVE DISPLACEMENT PUMPS

- Extensive range of Pumps covered & classified
- Pumps categorized based on Industrial Service
- Extensive 2D / 3D Graphics, Models & Animation
- An Interactive, Graphical Troubleshooting Guide
- Skill tests, Certificate printouts...

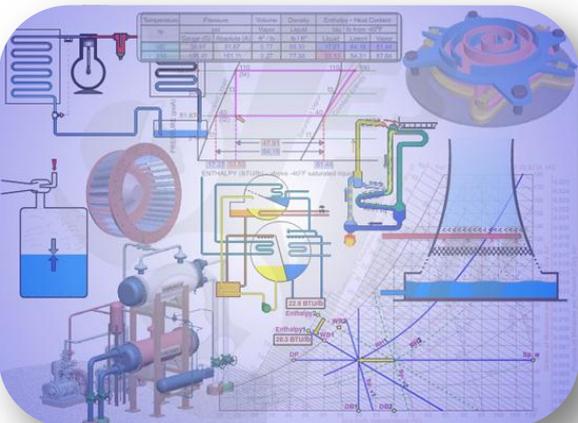
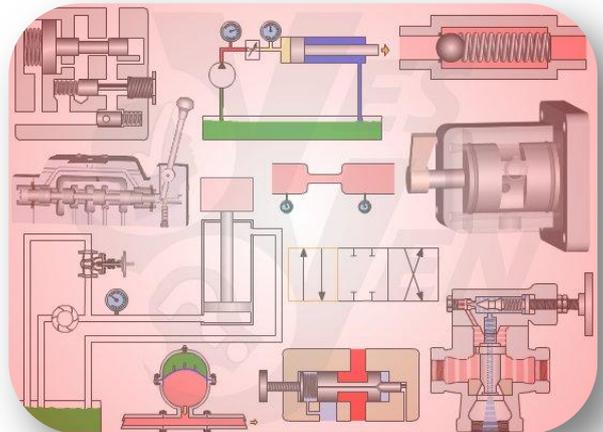


OIL - EXPLORATION AND PRODUCTION

- Explains the Oil Exploration & Production process
 - A wide range of topics covered
- Sequential, meticulous, step-by-step explanations
- Extensive 2D / 3D Graphics, Models & Animations
 - Skill tests, Certificate printouts...

INDUSTRIAL HYDRAULICS

- In-depth coverage on Hydraulic-principles
- Detailed description of Components and Working
- Build-up of a Hydraulic circuit with two jobs
- Extensive 2D / 3D Graphics, Models & Animation
- Skill tests, Certificate printouts...



REFRIGERATION & AIR CONDITIONING

- In-depth coverage on the Basics and Principles
- Mollier diagram / Psychrometric chart explained with Animation
- Vapor Compression / Absorption Cycle covered
- Extensive 2D / 3D Graphics, Models & Animation, Skill tests, Certificate printouts...

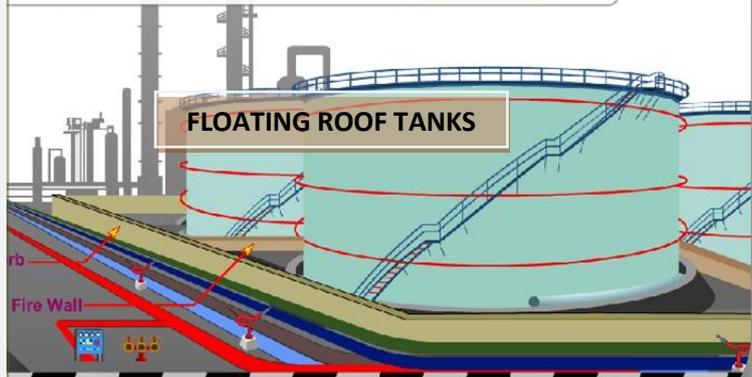
Development of Customized Training content

on 'Maintenance, Operation, Inspection and Safety procedures' with Intricate Graphics and Animations, available in your intranet (E.g. Animated P&I Diagrams, Operation Procedures, Safety Procedures, etc.)

SOME EXAMPLES...

Outer walls are higher than the inner wall and is called the **Dyke Wall** or **Kerb Wall**.

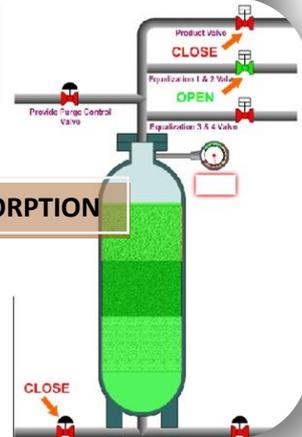
Inner walls are smaller in height and is called the **Fire Wall**.



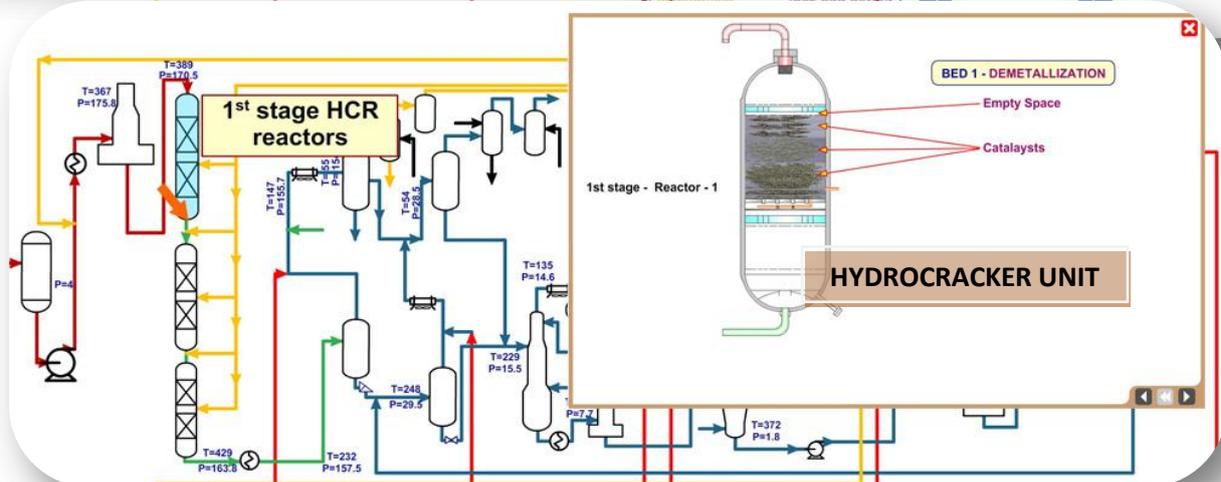
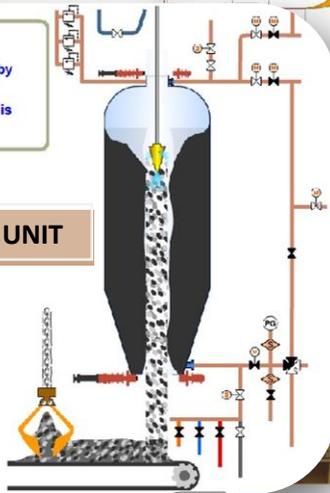
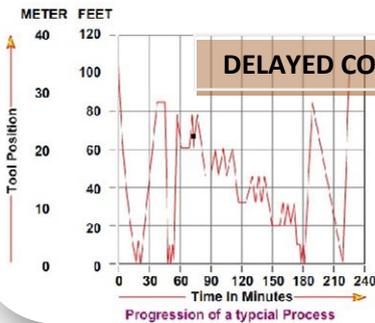
The Feed Control Valve is closed 100%.
The Product Valve is also closed.
The Equalization Valve Set A is fully opened.

PRESSURE SWING ADSORPTION

P: 23.4
T: 90



The Boring process is followed by the Cutting process.
The Coke Cutting process is done by cutting the coke bed, layer by layer, known as Pineapple Slicing Method.
For better understanding, a typical Cutting Process progression is plotted on a graph, showing the Tool Position against Time.



Contact
BUSINESS INDUSTRIAL NETWORK
for
ANIMATED DEMOS & DETAILS
of the
INDUSTRY BENCHMARKED
MULTIMEDIA FOCUSED
TRAINING COURSES

BIN95.com