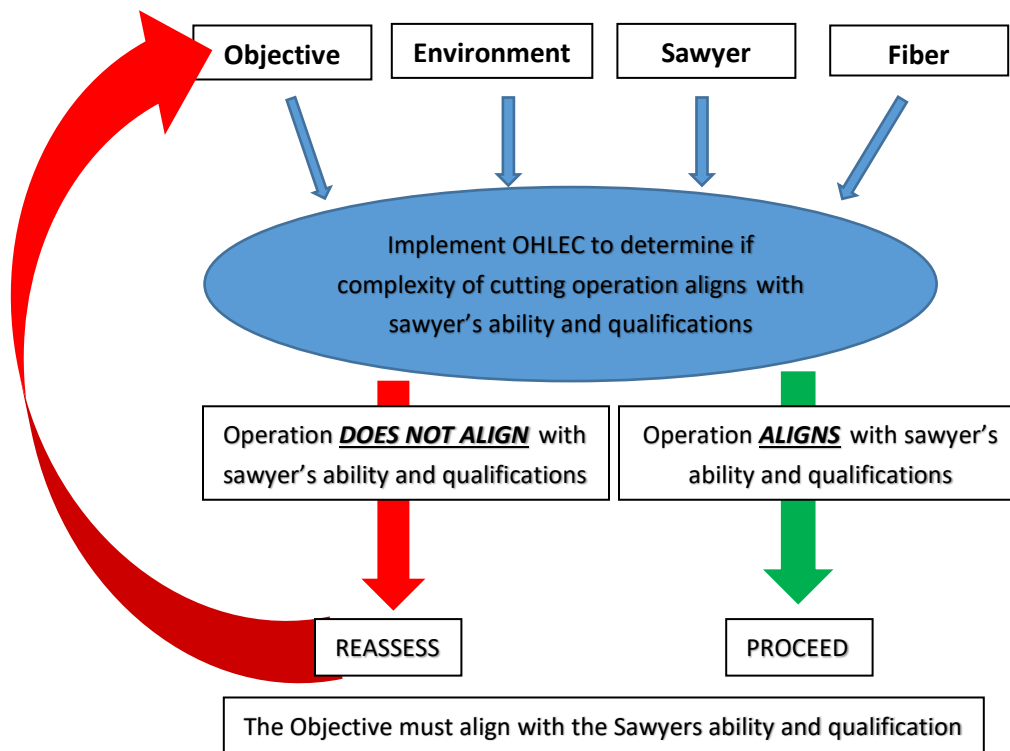


## Operational Complexity Diagram

The complexity of a saw operation is dependent on four components:

- **Objective**—The operation to be completed
  - Felling
  - Bucking
  - Limbing/brushing
- **Environment**—The ever changing conditions of the weather
  - Wind
  - Topography
  - Rain or snow
- **Sawyer**—The state of mind and ability of the sawyer
  - Training
  - Experience
  - State of mind
  - Attitude
  - Pressure
  - Unfamiliar equipment
- **Fiber**—The condition/attitude of the wood itself
  - Sound or rotten
  - Fire weakened
  - Lean or bind



At the time of the operation, the objective and the condition of the fiber/wood will remain static while the complexity is being determined. The physical environment and the sawyer themselves have a dynamic influence on the overall complexity given changes from one minute to the next.

