

## **Solid Handling Equipment,** **Conveyor and Elevators**

As part of the site visit to the Kimberly Clark you need to take with you your safety glasses, your safety boots, high-vis- jacket, clipboard, paper and pencil. When there, you need to gather information about the solid's handling process using conveyor and elevators. As an individual you need to record enough information to be able to produce a report along the guidelines listed below.

The information gathered must include all of the following areas:-

- Title & date.
- Group number and name.
- Details of conveyor set-up and belt material, drive couplings style/type, belt speed and product capacity, drive roller set-up, tensioning arrangement, toughing arrangement, loading discharge arrangement and safety stop set-up.
- Details of the elevator set-up, product handling mechanism, product capacity, drive mechanism set-up, tensioning arrangement, loading discharge set-up, and anti-runback mechanism

The report is to include your own site **sketches** along with photographs of similar equipment taken from a research source off the internet such as Wikipedia, along with relevant information associated with them.

Finally, if you are in any doubts about any of the requirements of this exercise please ask.