

WFG

Western Fluidization Group

Development of Mobile Pyrolyzer Technology *Project Leader: Mike Jacobson*

Objectives

To optimize the use of lift tubes in a new mobile pyrolysis reactor.

Importance

- To ensure the system is capable of transporting solids under operating conditions
- To maximize the heat transfer accomplished by the tubes so that the pyrolysis reaction can occur
- By accomplishing this, bio-oil can be produced from agricultural wastes such as sugarcane bagasse and rice straw.

Sponsors

Agri-Therm Ltd.

