

PROJECT DESCRIPTION

Concentrated Non Condensable Gas (CNCG) System PACKAGING CORPORATION OF AMERICA Tomahawk, WI

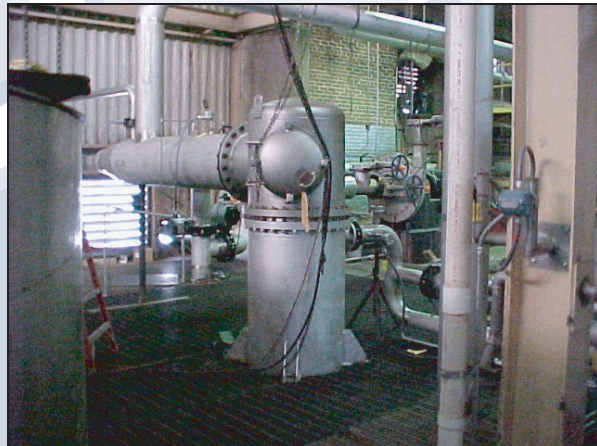
PROJECT SCOPE

The project consisted in collection, transport and incineration of concentrated NCG of the pulp mill, to comply with MACT I phase I (Cluster Rules) of EPA in USA.

Mesar / Environair was mandated to provide engineering and supply of the new NCG system at the PCA mill of Tomahawk, WI.

At Tomahawk mill, the CNCG Sources to be collected were :

- Pandia relief vent
- blow heat recovery condenser vent
- evaporator seal tank vents
- concentrator vent
- intermediate effect evaporator vents



The CNCG sources were then collected and safely transported via a steam ejector, and sent to a NCG condenser for HAP incineration (mainly methanol).

Other key equipment like NCG mist eliminator, fan and indirect shell and tube condenser were supplied to insure a safe system design.

RESULTS

The system was installed in March 2001 as scheduled. Performance trials in April 2001 showed that the CNCG system consistently operates, and the mill is then in compliance with Federal regulation with an up-time higher than 99%. Since the start-up, the CNCG system runs flawlessly.