

# Steam + Power/Energy Mgt.

WI Num: 11041602 Subject Cat: 04160.00

Title: Water treatment-related opportunities for energy conservation in a paper mill powerhouse

Status	Status	Status Date
WI Opened; WGC assigned		7/6/2011
Reassigned WGC		8/20/2013

Next Action:

O/C/P: Open Type: TI Paper Test Prog:

DOC#: TIP 0416-13 Test Prog Avail?  Initiated: 7/6/2011 Est Completion: 7/6/2012

Key Words: Boilers, Efficiency, Energy, Water, Water treatment, Condensates, Power plants Due for Review: Last Updated: 8/20/2013  
Updated By: BOHANAN\_C

Chairman: 870993 Name/Company: Norris N. Johnston, Ashland Water Technologie Find Chairman

WI Num: 12041601

Subject Cat: 04160.00

Title: Collection and burning of concentrated noncondensable gases: regulations, design, and operation

Status:

Status	Status Date
WI Opened	4/5/2012

Next Action: Awaiting WGC

O/C/P: Open

Type: TI Paper

Test Prog:

DOC#: TIP 0416-09

Test Prog Avail?

Initiated: 4/5/2012

Est Completion: 4/5/2013

Key Words: Noncondensibles, Gas, Total reduced sulfur, Hazardous materials, Air pollution. Leakage

Due for Review:

Last Updated: 4/5/2012

Updated By: BOHANAN\_C

Chairman: 326546

Name/Company: Douglas K. Giarde, A. H. Lundberg Associates I

Find Chairman

WI Num: 12041602

Subject Cat: 04160.00

Title: Stripping of kraft pulping process condensates: regulations, design and operation

Status:

Status	Status Date
WI Opened	4/5/2012

Next Action: Awaiting WGC

O/C/P: Open

Type: TI Paper

Test Prog:

DOC#: TIP 0416-10

Test Prog Avail?

Initiated: 4/5/2012

Est Completion: 4/5/2013

Key Words: Condensates, Hazardous materials, Strippers, Kraft pulping

Due for Review:

Last Updated: 4/5/2012

Updated By: BOHANAN\_C

Chairman: 326546

Name/Company: Douglas K. Giarde, A. H. Lundberg Associates I

Find Chairman

WI Num: 12041603

Subject Cat: 04160.00

Title: Evaluating reverse osmosis for treating makeup to the boiler feedwater in a pulp and paper mill

Status:

Status	Status Date
WI Opened	9/5/2012

Next Action:

Awaiting WGC

O/C/P: Open

Type: TI Paper

Test Prog:

DOC#: TIP 0416-07

Test Prog Avail?

Initiated: 9/5/2012

Est Completion: 9/5/2013

Key Words:

Reverse osmosis, Osmosis, Boilers, Feedwater

Due for Review:

Last Updated: 9/6/2012

Updated By: BOHANAN\_C

Chairman: 1275303

Name/Company: Clark L. Conley, Metso Power

Find Chairman

WI Num: 12041604

Subject Cat: 04160.00

Title: Recommended test procedure for black liquor evaporators

Status	Status Date
WI Opened	11/26/2012

Next Action: Awaiting WGC

O/CIP: Open      Type: TI Paper      Test Prog:

DOC#: TIP 0416-11      Test Prog Avail?       Initiated: 1/26/2012      Est Completion: 1/26/2013

Key Words: Concentrators, Evaporators, Black liquors, Heat transfer, Heat transfer coefficient. Testina. Troubleshooting      Due for Review:      Last Updated: 1/26/2012  
Updated By: BOHANAN\_C

Chairman: 524744      Name/Company: Christopher L. Verrill, International Paper      Find Chairman