

Subject Cat: 02000 PLC Division Council		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
110200.01	Guidelines for web conveyance and winding tension levels	TIP 0200-01	Automatic review - 6/2020	TI Paper

Subject Cat: 03010		HRD & Safety Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
060301.01	Corrugated boxplant - list of potential hazards (formerly TIP 0304-55)	TIP 0301-01	Automatic Review - 3/2017	TI Paper	

Subject Cat: 03020		Engineering Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
980302.02	An alternative method for designating flute sizes	TIP 0302-04	Data and Calculations - No Review Required	TI Paper	

Subject Cat: 03040		Process Control & Quality		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
010304.03	Statistical process control: friction - slide angle	TIP 0304-34	Data and Calculations - No Review Required	TI Paper	
010304.04	Procedure for utilizing statistical control techniques to monitor the tare weight of a run of boxes	TIP 0304-35	Data and Calculations - no review required	TI Paper	
010304.07	Troubleshooting a glue lap problem	TIP 0304-10	Data and Calculations - No review required	TI Paper	
010304.09	Utilizing statistical process control techniques to assist in meeting specification at finishing crush process control points to the paper and paperboard industries	TIP 0304-11	Data and Calculations - No review required	TI Paper	
010304.10	Obtaining combined board caliper off the corrugator for use in statistical process control procedures	TIP 0304-12	Data and Calculations - No review required	TI Paper	
010304.11	Statistical process control of starch viscosity	TIP 0304-15	Data and Calculations - No Review Required	TI Paper	
010304.12	Statistical process control of starch gelatinization temperature	TIP 0304-14	Data and Calculations - No review required	TI Paper	
010304.13	Starch adhesive preparation and distribution systems: housekeeping	TIP 0304-06	Data and Calculations - No review required.	TI Paper	
010304.17	Corrugated caliper: why is it so important?	TIP 0304-04	Data and Calculations - No Review	TI Paper	
010304.18	Addendum to Corrugating Defect Terminology Manual - defects related to the use of fingerless singlefacers	TIP 0304-17	Data and Calculations - No Review Required	TI Paper	
010304.24	Using washup water as the vehicle in starch based corrugating adhesive	TIP 0304-44	Data & Calculations - no review required	TI Paper	
010304.26	How to perform a gauge (instrument) repeatability and reproducibility study (measurement/range type)	TIP 0304-71	Data and Calculations - no review required	TI Paper	

Subject Cat: 03040		Process Control & Quality		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
020304.05	Understanding hazardous materials warning labels	TIP 0304-41	Data and Calculations - no review required	TI Paper	
020304.09	Statistical process control - procedures for charting warp	TIP 0304-13	Data and Calculations - No Review Required	TI Paper	
040304.01	Determination of moisture in containerboard using a moisture meter	TIP 0304-63	Data and Calculations - no review required	TI Paper	
040304.08	Short-run statistical process control: a basic charting method	TIP 0304-70	Data and Calculations - No Review Required	TI Paper	
040304.14	Checking the parallel of corrugating rolls with "NCR" paper	TIP 0304-62	Automatic Review - 11/2013	TI Paper	
050304.03	Procedure for setting up a raw material trial on the corrugator	TIP 0304-01	Automatic Review - 3/2017	TI Paper	
050304.04	Box plant quality measurement: why test?	TIP 0304-02	Automatic Review - 3/2017	TI Paper	
050304.05	Curtain coating weight test	TIP 0304-19	Automatic Review - 3/2017	TI Paper	
050304.06	Techniques for bonding of densified liners	TIP 0304-40	Automatic Review - 3/2017	TI Paper	
050304.07	Techniques for running "WRA" (water resistant starch adhesive)	TIP 0304-46	Automatic review - 2/2017	TI Paper	
050304.08	A procedure to proof a flexo printing ink	TIP 0304-60	Automatic Review - 2/2017	TI Paper	
050304.09	The role of copper in a printing ink	TIP 0304-61	Automatic review - 2/2017	TI Paper	
060304.02	Starch adhesive trial	TIP 0304-22	Automatic Review - 5/2015	TI Paper	
060304.03	Proper methods of measuring starch adhesive viscosity	TIP 0304-33	Automatic Review - 5/2015	TI Paper	
060304.07	A guide to proper wipe roll selection for the corrugated box industry	TIP 0306-20	Automatic review - 5/2017	TI Paper	
060304.08	In-line coating at the corrugator	TIP 0304-39	Automatic review -- 3/2017	TI Paper	
070304.01	Checking for coating wear on corrugating rolls	TIP 0304-73	Automatic review - 9/2013	TI Paper	

Subject Cat: 03040		Process Control & Quality		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
070304.02	The edge crush test (ECT): its relationship to box compression and its derivation from containerboard edge stiffness	TIP 0304-09	Automatic review - 9/2013	TI Paper	
070304.03	Understanding and troubleshooting hot melt adhesives	TIP 0304-74	Automatic review - 8/2016	TI Paper	
080304.01	Go/no go gauge devices for the boxplant	TIP 0304-42	Automatic Review - 2/2017	TI Paper	
080304.02	Critical properties to consider when unitizing	TIP 0304-72	Automatic review - 2/2017	TI Paper	
080304.03	Statistical process control pin adhesion	TIP 0304-23	Automatic review - 2/2017	TI Paper	
080304.05	Calibration and maintenance of the manually operated micrometer	TIP 0304-30	Automatic review - 3/2017	TI Paper	
080304.06	Calibration of flexible beam crush tester	TIP 0304-20	Automatic review - 3/2018	TI Paper	
080304.07	Calibration and maintenance of the burst tester	TIP 0304-24	Automatic review - 3/2018	TI Paper	
090304.01	Total indicated runout and its impact on combined board quality	TIP 0304-56	Automatic review - 4/2018	TI Paper	
090304.02	Causes and corrections of common corrugator bonding problems [TITLE CHANGE]	TIP 0304-32	Automatic review - 4/2014	TI Paper	
090304.03	How to prevent score cracking in a box plant	TIP 0304-37	Automatic Review - 6/2018	TI Paper	
090304.04	An explanation of the CONEG heavy metal guidelines	TIP 0304-58	Automatic review - 12/2013	TI Paper	
100304.01	Common curtain coating problems: causes, detection and correction	TIP 0304-26	Automatic Review - 6/2019	TI Paper	
100304.02	Understanding formaldehyde management	TIP 0304-25	Automatic review - 6/2019	TI Paper	

Subject Cat: 03040		Process Control & Quality		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
100304.03	Improved techniques to measure corrugator glue machine meter gaps	TIP 0304-68	Automatic Review - 10/2019	TI Paper	
100304.04	Checking the flute depth of corrugating rolls	TIP 0304-75	Automatic review - 9/2014	TI Paper	
100304.05	Warp in corrugated board	TIP 0304-07	Automatic review - 12/2019	TI Paper	
100304.08	Viscosity reading procedure for flexographic corrugated inks	TIP 0304-18	Automatic review 1/2020	TI Paper	
110304.01	Some questions and answers on gel temperatures and on the gel temperature test for corrugating adhesives	TIP 0304-08	Automatic review - 4/2020	TI Paper	
110304.02	High density papers -- what are they? [TITLE CHANGE]	TIP 0304-43	Automatic review - 9/2020	TI Paper	
110304.03	Material safety data sheets - what to look for, how to understand them	TIP 0304-38	Automatic review - 12/2020	TI Paper	
110304.04	Suggestions for developing a box plant quality manual	TIP 0304-49	Automatic review - 7/2020	TI Paper	
110304.05	How to minimize rolling scores on lightweight and high-performance liners in diecutting operations	TIP 0304-64	Automatic review - 10/2020	TI Paper	
110304.06	Understanding wet strength : What are MRA, WRA, and WPA?	TIP 0304-69	Automatic review - 10/2020	TI Paper	
110304.08	Corrugator bearing clearance checks and their impact	TIP 0304-47	Automatic review - 6/2016	TI Paper	
120304.02	Techniques to minimize twist warp	TIP 0304-50	Automatic review - 7/2021	TI Paper	
120304.03	Evaluating glue lap adhesive properties [TITLE CHANGE]	TIP 0304-16	Automatic review - 9/2021	TI Paper	
130304.01	Splicer defects and cures	TIP 0304-31	Automatic review - 7/2022	TI Paper	
990304.08	Important Quality Parameters of a Printing Ink	TIP 0304-59	Data and Calculations - No review required	TI Paper	

Subject Cat: 03050		Production Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
030305.03	The need for planned maintenance	TIP 0305-30	Automatic Review - 11/2013	TI Paper	
050305.02	Troubleshooting the diecutting section	TIP 0305-39	Automatic Review - 1/2017	TI Paper	
060305.01	Ordering cutting dies	TIP 0305-21	Automatic Review - 5/2017	TI Paper	
060305.02	Index and introduction to flexo folder gluer/rotary diecutter TIPS	TIP 0305-04	Data and Calculations - No Review Required	TI Paper	
060305.03	Troubleshooting the printing section	TIP 0305-38	Automatic Review - 5/2017	TI Paper	
070305.01	Machinery considerations and selection	TIP 0305-06	Automatic review - 8/2016	TI Paper	
070305.02	Rotary diecutter urethane anvil maintenance	TIP 0305-35	Automatic review - 8/2016	TI Paper	
070305.03	Folding section	TIP 0305-42	Automatic review 8/2016	TI Paper	
070305.04	Counter ejector section	TIP 0305-44	Automatic review - 8/2016	TI Paper	
070305.05	Squaring flap cut (center special) boxes	TIP 0305-45	Automatic review - 8/2016	TI Paper	
070305.06	Checklist: Preparing diecuts for shipment	TIP 0305-49	Automatic review - 8/2016	TI Paper	
070305.07	Housekeeping at order and shift change and weekly	TIP 0305-32	Automatic review - 8/2016	TI Paper	
070305.08	Purchase order	TIP 0305-07	Automatic review - 8/2016	TI Paper	
070305.09	Rotary cutting die maintenance	TIP 0305-23	Automatic review - 8/2016	TI Paper	
070305.10	Cleanup procedures for flexo folder gluer/rotary diecutters	TIP 0305-33	Automatic review - 8/2016	TI Paper	
070305.12	Extruded glue mechanism supplement	TIP 0305-43	Automatic review - 8/2016	TI Paper	
080305.01	Daily, weekly, and monthly maintenance press checklists	TIP 0305-34	Automatic review - 1/2017	TI Paper	
080305.02	Buying, storing, and handling adhesives	TIP 0305-25	Automatic Review - 2/2017	TI Paper	
080305.03	Introduction to the flow chart	TIP 0305-26	Automatic Review - 4/2017	TI Paper	
090305.01	Material handling considerations for flexo folder gluers	TIP 0305-54	Automatic review - 12/2013	TI Paper	

Subject Cat: 03050		Production Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
100305.01	Project leader	TIP 0305-13	Automatic Review - 10/2019	TI Paper	
100305.02	Stacking off the rotary die cutter	TIP 0305-46	Automatic Review - 1/2020	TI Paper	
110305.01	Multiple-out rotary die cut stacking	TIP 0305-47	Automatic review - 7/2020	TI Paper	
110305.02	Reduction or elimination of ink and/or varnish smear when printing and rotary die cutting in one pass	TIP 0305-40	Automatic review - 9/2020	TI Paper	
130305.03	Maintenance on computer assisted machinery [TITLE CHANGE]	TIP 0305-02	Automatic Review 4/2022	TI Paper	

Subject Cat: 03060 Flexo Printing and Graphics		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
060306.01	Ink metering systems for corrugated flexo presses	TIP 0306-09	Automatic review - 5/2017	TI Paper
070306.01	Drying and curing techniques for in-line flexographic printing	TIP 0306-06	Automatic Review - 8/2016	TI Paper
080306.02	Overview of the selection process for a laser engraved ceramic anilox roll [TITLE CHANGE]	TIP 0306-17	Automatic Review - 1/2018	TI Paper
120306.01	Identifying anilox volume measuring equipment	TIP 0306-15	Automatic review - 7/2021	TI Paper
120306.02	Quality techniques using existing printing equipment	TIP 0306-11	Automatic review - 9/2021	TI Paper
120306.03	Cleaning anilox rolls: procedures and options	TIP 0306-18	Automatic Review - 10/2021	TI Paper

Subject Cat: 03080		Fiberboard Shipping Container		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
120308.01	Impact of doublebacker hot plate level on board quality and how to measure it	TIP 0304-66	Automatic review - 3/2021	TI Paper	
130308.01	Conducting a corrugator temperature audit	TIP 0304-65	Data and Calculations - No review required	TI Paper	

Subject Cat: 04020		Corrosion & Materials Eng.		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
020402.02	Guidelines for procurement of cast stainless steels for large pumps and valves for the pulp and paper industry	TIP 0402-25	Data and Calculations - no review required	TI Paper	
030402.05	Weld Repairs on New Suction Roll Shells	TIP 0402-17	Automatic Review - 5/2014	TI Paper	
030402.08	Guidelines for inspection of used fiber-reinforced plastics (FRP) equipment	TIP 0402-28	Automatic review - 1/2016	TI Paper	
060402.01	Guidelines for evaluating the quality of boiler tube butt welds with ultrasonic testing	TIP 0402-31	Data and Calculations - No Review Required	TI Paper	
060402.02	Guideline for obtaining high quality radiographic testing of butt welds in boiler tubes	TIP 0402-33	Data and Calculations - No Review Required	TI Paper	
080402.01	Guidelines for inspecting batch digesters	TIP 0402-22	Automatic review - 7/2017	TI Paper	
080402.02	Paper machine reel-spool journals: guidelines for crack testing and repair or replacement [TITLE CHANGE]	TIP 0402-34	Automatic review - 4/2020	TI Paper	
080402.03	Field welding of pin studs in black liquor recovery boilers -- TITLE CHANGED from "Installation and repair of pin studs in black liquor recovery boilers"	TIP 0402-15	Automatic review - 9/2015	TI Paper	
090402.01	Liquid penetrant testing of new suction roll shells	TIP 0402-11	Automatic review - 4/2014	TI Paper	
090402.02	Guidelines for corrosion resistant weld metal overlay of digester vessels in alkaline pulping service	TIP 0402-03	Automatic review - 10/2019	TI Paper	
090402.03	Guidelines for inspection of continuous digesters and impregnation vessels	TIP 0402-27	Automatic Rview - 10/2014	TI Paper	

Subject Cat: 04020 Corrosion & Materials Eng.		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
090402.04	Guidelines for specification and inspection of electric resistance welded (ERW) and seamless boiler tube for critical and non-critical service	TIP 0402-13	Automatic review - 1/2014	TI Paper
090402.05	Guide to the use of stainless steel pipe specifications	TIP 0402-24	Automatic review - 10/2014	TI Paper
090402.06	Guidelines for nondestructive examination of suction roll shells	TIP 0402-19	Automatic review - 9/2016	TI Paper
100402.01	Ultrasonic testing (UT) for tube thickness in black liquor recovery boilers: Part I - Guidelines for accurate tube thickness testing; Part II - Default layouts for tube thickness surveys in various boiler zones [TITLE CHANGE]	TIP 0402-18	Automatic review - 1/2014	TI Paper
100402.04	Guidelines for thermal spray coatings installed to prevent corrosion in pulp mill process equipment [TITLE CHANGE]	TIP 0402-32	Automatic review - 8/2019	TI Paper
110402.01	Guidelines for inspection and nondestructive testing of paper machine dryers [TITLE CHANGE]	TIP 0402-16	Automatic review - 4/2015	TI Paper
120402.01	Guidelines for detection, monitoring and prevention of flow accelerated corrosion (FAC) in the pulp and paper mill	TIP 0402-36	Automatic review - 6/2017	TI Paper
120402.03	Inspection for cracking of composite tubes in black liquor recovery boilers	TIP 0402-30	Automatic review - 7/2021	TI Paper
120402.04	Ultrasonic technician performance test for boiler tube inspection	TIP 0402-21	Automatic review - 7/2017	TI Paper

Subject Cat: 04040 Water Removal		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
010404.04	Porosity measurement of press felts on the paper machine (HSPT)	TIP 0404-29	Automatic Review - 11/2013	TI Paper
020404.12	High vacuum sheet dewatering	TIP 0404-60	Data and Calculations - No Review Required	TI Paper
030404.06	Measurement of dryer condensing rates (continuous method)	TIP 0404-03	Data and Calculations - No Review Required	TI Paper
040404.10	Physical characterization of press fabrics: basis weight, air permeability, and pressure uniformity	TIP 0404-20	Automatic Review - 11/2013	TI Paper
050404.02	Measurement of dryer condensing rates (vertical separator method)	TIP 0404-18	Automatic Review 1/2014	TI Paper
050404.03	Performance evaluation techniques for paper machine vacuum systems	TIP 0404-55	Automatic Review - 12/2015	TI Paper
050404.07	Method for evaluating thickness of wet press fabrics	TIP 0404-28	Automatic review - 5/2016	TI Paper
050404.09	Measurement of dryer condensing rates (batch method)	TIP 0404-02	Automatic Review - 3/2014	TI Paper
070404.05	Paper machine room ventilation guidelines	TIP 0404-50	Automatic review - 2/2014	TI Paper
080404.03	Dryer fabric cleaning	TIP 0404-38	Automatic review - 12/2013	TI Paper
090404.02	Paper machine drying rate	TIP 0404-07	Automatic review - 4/2014	TI Paper
090404.08	Troubleshooting cross-machine direction moisture profile problems	TIP 0404-57	Automatic review - 4/2014	TI Paper
090404.11	Methods of evaluating high velocity dryers	TIP 0404-05	Automatic review - 11/2013	TI Paper
100404.03	Headbox approach piping guidelines	TIP 0404-54	Automatic review - 1/2016	TI Paper
100404.04	Paper machine shower recommendations	TIP 0404-61	Automatic review - 2/2015	TI Paper
100404.05	Paper machine energy conservation	TIP 0404-63	Automatic review - 1/2015	TI Paper

Subject Cat: 04040		Water Removal		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
100404.11	Steam shower applications at the wet end of the paper machine [TITLE CHANGE]	TIP 0404-58	Automatic review - 8/2015	TI Paper	
110404.01	Paper machine performance guidelines	TIP 0404-47	Automatic review - 9/2015	TI Paper	
110404.03	Recommended tensions in dryer fabrics	TIP 0404-04	Automatic review - 3/2015	TI Paper	
110404.04	Terminology for high temperature pressing	TIP 0404-48	Automatic review - 5/2021	TI Paper	
110404.05	Dryer surface temperature measurement	TIP 0404-39	Automatic review 4/2016	TI Paper	
110404.06	Dryer section performance monitoring	TIP 0404-33	Automatic review - 4/2016	TI Paper	
120404.01	Dandy roll applications	TIP 0404-53	Automatic review 3/2016	TI Paper	
120404.02	Methods to minimize sheet rewet in the press section	TIP 0404-59	Automatic review -- 5/2016	TI Paper	
130404.08	Yankee dryer steam condensing rates	TIP 0404-49	Automatic review - 7/2017	TI Paper	
990404.03	Determination of water removal by wet presses	TIP 0404-01	Data and Calculations - No Review Required.	TI Paper	

Subject Cat: 04080		Project Management		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
120408.01	Checklist for a properly planned project	TIP 0408-01	Automatic review - 6/2016	TI Paper	

Subject Cat: 04100 Fluid Mechanics		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
020410.01	Flow from a vertical slice	TIP 0410-02	Data and Calculations - no review required	TI Paper
020410.02	Flow from a 45 degree slice	TIP 0410-03	Data and Calculations - no review required	TI Paper
020410.04	Flow from a nozzle (slice) with inclined upper lip	TIP 0410-04	Data and Calculations - no review required	TI Paper
040410.01	Fourdrinier drainage performance evaluation - blow test method	TIP 0410-07	Data and Calculation - no review required	TI Paper
090410.01	Weirs and flumes	TIP 0410-10	Automatic Review - 1/2016	TI Paper
090410.02	Flow determination by chemical method	TIP 0410-09	Automatic review - 12/2014	TI Paper
090410.03	Head of stock behind slice (head/jet relationships)	TIP 0410-05	Automatic review - 11/2014	TI Paper
110410.01	Generalized method for determining the pipe friction loss of flowing pulp suspensions	TIP 0410-14	Automatic review - 11/2016	TI Paper
120410.01	Optimum consistency for pumping pulp	TIP 0410-15	Automatic review - 1/2017	TI Paper

Subject Cat: 04160		Steam & Power/Energy Mgmt.		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
030416.01	Design engineer decisions tree: paper mill boiler feedwater	TIP 0416-04	Automatic Review - 8/2014	TI Paper	
040416.01	Response to contamination of high purity boiler feedwater	TIP 0416-05	Automatic Review - 3/2014	TI Paper	
050416.01	Estimating the first melting temperature of fireside deposits in recovery boilers	TIP 0416-12	Data and calculations - no review required	TI Paper	
050416.04	Chloride and potassium measurement and control in the pulping and chemical recovery cycle	TIP 0416-15	Automatic Review - 11/2014	TI Paper	
060416.06	Guideline specification for procurement of an economizer for a recovery boiler	TIP 0416-21	Data and Calculations - no review required	TI Paper	
060416.07	Guidelines for operating and maintenance practices impacting an economizer on a recovery boiler	TIP 0416-22	Data and Calculations - no review required	TI Paper	
070416.01	Recovery boiler sootblower: the basics	TIP 0416-19	Data and Calculations - no review required	TI Paper	
070416.02	Recovery boiler energy efficiency improvements	TIP 0416-16	Automatic Review - 3/2017	TI Paper	
070416.03	Sampling procedures for biomass fuel for boiler performance testing	TIP 0416-17	Data and Calculations - no review required	TI Paper	
070416.04	Performance test procedure for boilers using biomass as fuel	TIP 0416-18	Data and Calculations - no review required	TI Paper	
080416.01	Recovery boiler sootblowers: practical guidelines	TIP 0416-20	Automatic review - 4/2018	TI Paper	
090416.01	Keys to successful chemical cleaning of boilers	TIP 0416-06	Automatic review 11/2014	TI Paper	
090416.02	Water quality and monitoring requirements for paper mill boilers operating on high purity feedwater	TIP 0416-03	Automatic review - 4/2015	TI Paper	

Subject Cat: 04160		Steam & Power/Energy Mgmt.		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
090416.03	Water quality guidelines and monitoring requirements for paper mill boilers operating with softened makeup water	TIP 0416-14	Automatic review - 4/2015	TI Paper	
090416.04	Guidelines for replacement of generating bank tubes with expanded joints in two-drum boilers	TIP 0416-08	Automatic review - 10/2014	TI Paper	
110416.01	Recovery boiler performance calculation - short form	TIP 0416-01	Data and Calculation - no review required	TI Paper	

Subject Cat: 04180 Process Engineering		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
000418.01	Recausticizing material balance equations relating to digester requirements	TIP 0418-02	Data and Calculations - No Review Required	TI Paper

Subject Cat: 04200		Maintenance & Mill Engineering		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
020420.01	Nozzle maintenance and clogging	TIP 0420-15	Data and Calculations - No Review Required	TI Paper	
040420.01	Guidelines for side-entering stock agitators	TIP 0420-13	Automatic Review - 10/2014	TI Paper	
090420.01	Guide for increasing the maximum allowable working pressure of cast iron, ASME constructed paper machine dryers [TITLE CHANGED 5/24/10]	TIP 0420-14	Automatic review - 6/2014	TI Paper	
120420.01	Guidelines for measurement of vacuum pump air flow	TIP 0420-12	Automatic review - 8/2018	TI Paper	

Subject Cat: 04250		Yankee Dryer Safety Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
130425.01	Guidelines for routine periodic inspection and testing of cast iron Yankee and MG dryers	TIP 0425-01	Automatic review - 5/2017	TI Paper	

Subject Cat: 05020		Papermakers Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
010502.01	Broke loss calculations	TIP 0502-10	Data & Calculations - No Review Required	TI Paper	
030502.03	Weight of newsprint rolls	TIP 0502-11	Data and Calculations - No Review Required	TI Paper	
030502.04	Determination of winder sets per reel	TIP 0502-02	Data and Calculations - no review required	TI Paper	
050502.03	Reel diameter for various reel spool and roll core sizes	TIP 0502-03	Data and Calculations - No Review Required	TI Paper	
060502.07	Use of ceramics on the forming section: diagnosing and preventing forming fabric wear	TIP 0502-19	Data and Calculations - no review required	TI Paper	
070502.03	Papermaker's formulas	TIP 0502-17	Data and Calculations - no review required	TI Paper	
100502.03	Drainage evaluation by mass measurement	TIP 0502-12	Data and Calculations - no review required	TI Paper	
100502.04	Retention definitions	TIP 0502-13	Automatic review - 10/2014	TI Paper	
110502.02	Paper machine vacuum selection factors	TIP 0502-01	Automatic review - 1/2017	TI Paper	
110502.03	Selection criteria for wet end ceramics	TIP 0502-15	Automatic review - 1/2015	TI Paper	
120502.01	Pilot paper machines	TIP 0502-16	Resource Information -- review 5/2015	TI Paper	
120502.02	Forming section monitoring	TIP 0502-14	Resource Information - review 5/2015	TI Paper	
130502.01	Catalog of stock prep pilot plants	TIP 0502-20	Resource Information -- review 5/2015	TI Paper	

Subject Cat: 05080		Stock Preparation Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
010508.02	Conical refining intensity	TIP 0508-07	Data and Calculations - No review required	TI Paper	
070508.01	An introduction to centrifugal cleaners	TIP 0508-10	Automatic Review - 2/2016	TI Paper	
120508.01	Refiner systems: their inspection and maintenance	TIP 0508-06	Automatic review - 5/2019	TI Paper	

Subject Cat: 06030		Fiber Recycling Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
110603.01	Stickies definition and classification	TIP 0603-02	Automatic Review - 6/2016	TI Paper	

Subject Cat: 06050 Mechanical Pulping Subject Category **Meeting Current Status:** Published

WI Numbe	Title	Document #	Next Action	Type
030605.01	Pulpstone speed chart	TIP 0605-02	Data and Calculations - No Review Required	TI Paper
030605.02	Grinder pulpstones - cubical contents	TIP 0605-01	Data and Calculation - No Review Required	TI Paper

Subject Cat: 06060		Pulp Bleaching Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
010606.02	Chlorine gas curve	TIP 0606-02	Data and Calculations - no review required	TI Paper	
010606.03	Specific graviity of sodium chloride solutions	TIP 0606-10	Data and Calculations - no review required	TI Paper	
010606.04	Relative enthalpy (heat content) of sodium hydroxide solutions	TIP 0606-08	Data and Calculations - no review required	TI Paper	
010606.05	Viscosity of sodium hydroxide solutions	TIP 0606-11	Data and Calculations - no review required	TI Paper	
010606.06	Dilution of caustic soda solutions	TIP 0606-09	Data and Calculations - No Review Required	TI Paper	
010606.07	Viscosity of liquid chlorine	TIP 0606-05	Data and Calculations - no review required	TI Paper	
010606.08	Heat of vaporization of liquid chlorine	TIP 0606-04	Data and Calculations - no review required	TI Paper	
010606.09	Specific gravity and density of caustic soda solutions	TIP 0606-20	Data and Calculations - No Review Required	TI Paper	
010606.11	Bleach washer efficiency guide	TIP 0606-23	Data and Calculations - No review required	TI Paper	
020606.02	Caustic soda (NaOH) safe storage and handling	TIP 0606-27	Data and Calculations - no review required	TI Paper	
050606.01	Density of chlorine gas	TIP 0606-03	Data and Calculations - no review required	TI Paper	
050606.02	Specific heat of caustic soda solutions	TIP 0606-07	Data and Calculations - no review required	TI Paper	
080606.01	Recommended pulp bleaching stage designation method	TIP 0606-21	Data and Calculations - no review required	TI Paper	
090606.01	Hydrogen peroxide (H2O2) safe storage and handling	TIP 0606-24	Automatic review 4/2016	TI Paper	
120606.01	Methanol (CH3OH) safe storage and handling	TIP 0606-25	Automatic Review -- 10/2021	TI Paper	
120606.02	Sulfuric acid (H2SO4) safe storage and handling	TIP 0606-26	Automatic review -- 10/2021	TI Paper	
120606.03	Gaseous ozone (O3) safe handling	TIP 0606-28	Automatic review - 10/2021	TI Paper	
120606.04	Bulk oxygen (O2) safe storage and handling	TIP 0606-29	Automatic Review - 10/2021	TI Paper	

Subject Cat: 06060		Pulp Bleaching Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
120606.05	Chlorine dioxide (ClO ₂) safe storage and handling	TIP 0606-30	Automatic review - 10/2021	TI Paper	
120606.06	Sodium chlorate (NaClO ₃) safe handling and storage	TIP 0606-31	Automatic Review - 10/2021	TI Paper	

Subject Cat: 06070 Sulfite & Semichemical Pulping		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
010607.01	Definitions of terms in the sulfite pulping process	TIP 0607-25	Automatic Review - 1/2014	TI Paper
010607.02	Solubility of sulfur dioxide, Ca(HSO ₃) ₂ solutions	TIP 0607-07	Data and Calculations - No Review Required	TI Paper
010607.03	Sulfur Burner Gas Strength Volume	TIP 0607-01	Data and Calculations - No Review Required	TI Paper
010607.04	Density of Aqueous Sodium Sulfite Solution	TIP 0607-18	Data and Calculations - No Review Required	TI Paper
010607.05	Density of milk of lime solution	TIP 0607-05	Data and Calculations - No Review Required	TI Paper
010607.07	Viscosities of Various Spent Sulfite Liquors at 26.7 degress C and other temperatures	TIP 0607-22	Data and Calculations - No review required	TI Paper
010607.10	Boiling Point Rise of Spent Sulfite Liquors	TIP 0607-21	Data and Calculations - No review required	TI Paper
020607.01	Physical and chemical properties of magnesia-base pulping solutions	TIP 0607-04	Data and Calculations - No Review Required	TI Paper
020607.02	Solubility of sulfur dioxide	TIP 0607-06	Data and Calculations - No Review Required	TI Paper
020607.03	Solubility of sulfur dioxide in magnesium bisulfite solution	TIP 0607-09	Data and Calculations - No Review Required	TI Paper
020607.04	Solubility of sulfur dioxide in saturated magnesium bisulfite solution	TIP 0607-10	Data and Calculations - No Review Required	TI Paper
020607.05	Vapor pressure of sulfur dioxide solutions	TIP 0607-11	Data and Calculations - No Review Required	TI Paper
020607.06	Vapor pressure of water and sulfur dioxide above sodium bisulfite solutions (25 degrees C)	TIP 0607-12	Data and Calculations - No Review Required	TI Paper
020607.07	Density of aqueous sodium bicarbonate solution	TIP 0607-13	Data and Calculations - No Review Required	TI Paper
020607.08	Density of aqueous sodium carbonate solution	TIP 0607-14	Data and Calculations - No Review Required	TI Paper

Subject Cat: 06070 Sulfite & Semichemical Pulping		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
020607.09	Specific heat of sodium carbonate solution	TIP 0607-15	Data and Calculations - No Review Required	TI Paper
020607.10	Vapor pressure of sodium carbonate solution	TIP 0607-16	Data and Calculations - No Review Required	TI Paper
020607.11	Viscosity of sodium carbonate solution	TIP 0607-17	Data and Calculations - No Review Required	TI Paper
020607.12	Sulfite waste liquor concentration	TIP 0607-19	Data and Calculations - No Review Required	TI Paper
020607.13	Viscosity of a neutral sulfite spent liquor (Ostwald capillary viscometer)	TIP 0607-23	Data and Calculations - No Review Required	TI Paper

Subject Cat: 08000		P & PQ Council		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
120800.01	Units of measurement and conversion factors	TIP 0800-01	Data and Calculations - no review required	TI Paper	

Subject Cat: 08040 Optical Properties		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
010804.03	Basic guidelines for image analysis measurements	TIP 0804-09	Data and Calculations - No Review Required	TI Paper

Subject Cat: 08080 Physical Properties		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
020808.10	Equilibrium relative humidities over saturated salt solutions	TIP 0808-03	Data and Calculations - No Review Required	TI Paper
030808.05	Paper test rooms: design considerations	TIP 0808-04	Automatic Review - 1/2016	TI Paper
040808.04	Moisture content of paper: terminology and conversion	TIP 0808-02	Data and Calculations - no review required	TI Paper
050808.01	Relative humidity tables	TIP 0808-06	Data and Calculations - no review required	TI Paper
050808.02	Testing atmosphere simulating end use conditions	TIP 0808-05	Data and Calculations - no review required	TI Paper

Subject Cat: 08090 Pulp Properties		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
030809.03	Interconversion of freeness	TIP 0809-01	Data and Calculations - no review required	TI Paper

Subject Cat: 10040		Packaging Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
101004.01	TAPPI Roll Number for inventory/tracking systems and bar codes	TIP 1004-01	Automatic review - 3/2014	TI Paper	

Subject Cat: 11010		Process Control Subject Category		Meeting Current Status: Published	
WI Numbe	Title	Document #	Next Action	Type	
051101.01	Calculation and partitioning of variance using paper machine scanning sensor measurements	TIP 1101-01	Data and Calculations - No Review Required	TI Paper	

Subject Cat: 12050 Nonwovens Fibers		Meeting Current Status: Published		
WI Numbe	Title	Document #	Next Action	Type
081205.01	Cotton in nonwovens	TIP 1205-02	Automatic review - 9/2017	TI Paper