

CASE STUDY : POLYGLASS LINING OF JUMBO PAPER ROLLERS

INTERNAL REHABILITATION OF PRESS & SUCTION ROLLERS & END PLATES

CLIENT

Large Pulp & Paper Roller Manufacturing Company

INDUSTRY BACKGROUND

An understanding of the corrosion mechanisms active in the Pulp and Paper industry is essential for successful maintenance and operation of these plants, as the operating conditions evolve and the infrastructure continues to age. The pulp and paper processes involve organic and inorganic environments, ranging from atmospheric to boilers producing steam under controlled conditions. Mills using the same process can have completely different corrosion challenges, owing to site-specific conditions that develop, based on the type of process and chemicals used in different parts of the process, corrosion control measures introduced, and the age of the equipment.

APPLICATION DATE

October 2012

SCOPE OF WORK

Internal abrasive blast cleaning & re-lining of 4 off jumbo Suction & Press rollers & 8 off end plates

SUBSTRATE

Steel

PRODUCTS

POLYGLASS VEF & ARMAGEL, to offer both outstanding High temperature chemical protection as well as increased abrasion resistance.

CORROCOAT CREDENTIALS

CORROCOAT can offer a range of comprehensive materials and corrosion engineering solutions to negate the effects of severe high & low pH chemical and abrasion combination corrosion mechanisms within the various pulp and paper industry processes. Corrocoat remains committed to continued Research & Development of latest technical know-how, combined with the world's best corrosion & erosion composite products, in order to protect jumbo press & suction rollers, as well as to offer rehabilitation services for pumps, piping and various other equipment and structures with in the pulp & paper industry.

PHOTOGRAPHS

Top: Jumbo Press & Suction Rollers, 1,1mø
Middle: End plates to be refurbished
Bottom: Jumbo Press & Suction Roller refurbishment



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