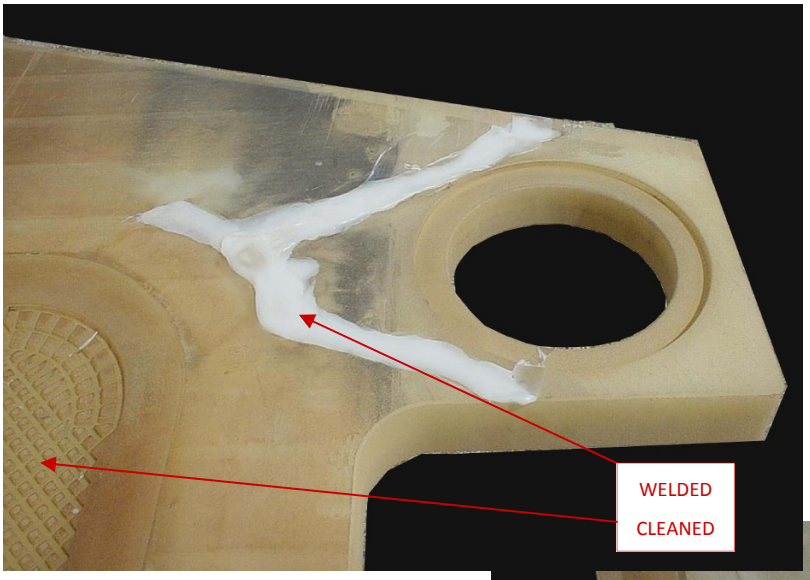
MICRONICS

ENGINEERED FILTRATION GROUP

REFURBISHING OF MINING FILTER PLATES



AGGRESSIVE MINE TAILINGS AND CONCENTRATE APPLICATIONS FREQUENTLY RESULT IN DAMAGED PLATES CAUSED BY EXCESSIVE AIR BLOW DOWN AND/OR FAILED FILTER CLOTHS, WHICH ALLOW THE FEED SLURRY TO SCOUR THE PLATES. DIFFERENTIAL FEED PRESSURE CAN ALSO CAUSE WARPING AND CRACKING OF THE FILTER PLATES.

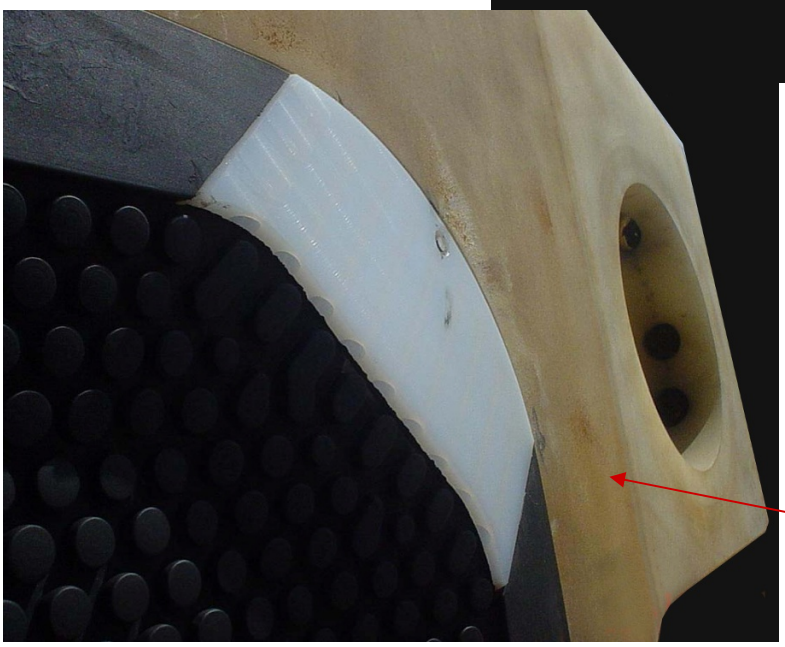
MICRONICS FILTRATION HAS THE EXPERTISE AND TECHNOLOGY TO REPAIR AND REFURBISH ALL BUT THE MOST DAMAGED POLYPROPYLENE PLATES PROVIDING COST SAVINGS AND REDUCING DOWN TIME.

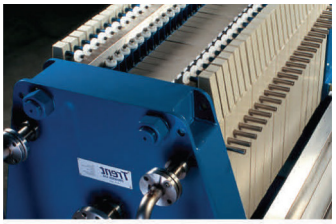
A PROPRIETARY METHOD IS USED TO CLEAN THE MEMBRANE COMPANION PLATE DRAINAGE SURFACE AND ALL RESIDUE BUILT UP ON THE SURFACE AND THE PORTING HOLES IS REMOVED. FILTRATE DRAINAGE IS SIGNIFICANTLY IMPROVED AND WILL LOWER THE CAKE MOISTURE CONTENT WHEN RETURNED TO SERVICE.

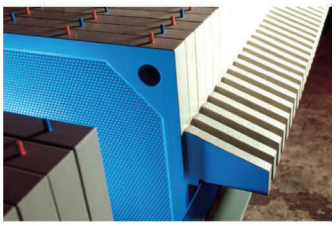
DAMAGED AREAS AND CRACKS ARE HEAT WELDED TO RETAIN THE PLATES ORIGINAL STRENGTH.

THE FINISHED FILTER PLATES ARE RETURNED TO THE MINE SITE COMPLETE WITH MEMBRANES, SEALS, COLLARS AND HANDLES TO BE READY FOR INSTALLATION INTO THE FILTER PRESS FRAME.

FOR SITES WHERE IT MAY BE IMPRACTICAL TO RETURN PLATES MICRONICS CAN OFFER ON SITE REPAIRS AND MAINTENANCE.







Micronics Engineered Filtration Group
1201 Riverfront Parkway
Chattanooga, TN 37401 USA
1 423.698.8988
www.micronicsinc.com