

Customer Comments - **META-LAX**® Works



"We love Meta-Lax!"
August Beiter, Beiter Moldmaking

PATENTED



"Meta-Lax has performed flawlessly."

Tim O'Connor, U.S. Army - Watervliet Arsenal

CONFIDENCE

META-LAX

Stress Relief & Weld Conditioning

by

BONAL TECHNOLOGIES C
SUBSIDIARY OF BONAL INTERNATIONAL, INC.

"Meta-Lax has been very beneficial to NASA and is used frequently."

Gerald Miller, NASA Langley Research Center

"The Meta-Lax process is our preferred choice of stress relief for many reasons."

David, Gruzin, General Motors

"The Meta-Lax process is a proven substitute for 80-90% of heat-treatment stress relief in metal-working applications."

U.S. Department of Energy

"In over two years we have never had a case of inadequate stress relief."

Elmer Marriott, Giddings & Lews

"The welders really like it. Meta-Lax makes their job easier and the distortion is a lot less."

Harry Bishar, Hammond Machinery

"Meta-Lax has improved product quality by 25%."

Dave Stover, Chesapeake Machine

"We use Meta-Lax everyday on everything that we machine."

Terry Dinelli, Craftsman Tool & Mold

"We are very pleased with what the Meta-Lax does. It was worth every penny."

Eric Zimmerman, Apex Die Casting

"Every weldment is now either Meta-Lax weld conditioned or stress relieved in-house for quality assurance."

Jim Amos, Detroit Tool

"The process relieves stress just as well as heat-treating."

Jim Gourlay, K & M Machine & Fabricating

"Meta-Lax has become an intricate part of day to day business."

Dean Shoup, Rob's Welding

"Meta-Lax reduces the amount of effort required in making a good product."

Peter Wojnar, The Norton Company

"Using the Meta-Lax process on crankshafts increases their life from a 10 race average to 30 races!"

Gordon Jennings, Paul Pfaff Enterprises

"The results were astounding. We saw our scrap rate go from 50% to 0 and stay there."

Tim O'Connor, U.S. Army - Watervliet Arsenal

"It is amazing that, because of Meta-Lax, we did not suffer a single major mechanical breakdown."

Robert Hughes, Miss Madison

"Based on our experience we have all kinds of proof that Meta-Lax works."

Rex Hogsett, Fairfield Engineering

"We felt the Meta-Lax system was a success."

Scott Bagwell, Super Conductor Super Collider

"NAVAIR Lakehurst has been successfully using the Meta-Lax stress relief process during fabrication of aircraft Arresting Gear Engine Bases for the CVNs since about 1988."

John Arnao, U.S. Navy - Lakehurst

"We're always working with very tight tolerances, if there was any sacrifices in quality we'd know it. But our results with Meta-Lax have been just excellent."

Gary Aalbers, Aalbers Tool & Mold

"Our winning car's rotors that had been [Meta-Lax] stress relieved showed no signs of cracking at all!"

Mike Mavrigian, Birchwood Automotive

"We utilized the Meta-Lax vibration during welding and we had no problems at all."

Hugh Winthrop, Western Steel & Metals

"I was curious so we magnafluxed everything and found no cracks. Zero, zip, nada."

Dave Koehler, Koehler Engineering

"I fully expect to triple the life from this die. We couldn't get along without [Meta-Lax]."

Ray Troup Airtex

"No part is EDMed without first being Meta-Laxed."

Richard Averill, Hydro-Cam

"Now my customers got to have it - they're hooked!"

Bob Atchison, Atchison Machine Service

"Before Meta-Lax we experienced problems with cracking and heat checking of dies. Since adding Meta-Lax to the manufacturing process, we don't have those problems."

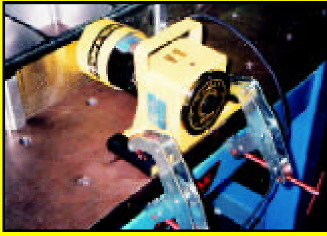
Al Phan, ITT Automotive

"After several attempts at welding HY-90 'T' bar Bonal's Meta-Lax technology was called on and the 'T' bar was welded perfectly the first time."

Lyman Martin, North American Shipbuilding

All quotes were taken from published articles or reference letters.

Customer Comments - META-LAX® Works



"I've never been disappointed with Meta-Lax, ever!"

John Sparovic, Weber Machine

EFFECTIVE



"I am a firm believer in Meta-Lax."

Karl Fisher, Pioneer Die Casters

CONSISTENT

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"In checking all the Meta-Lax treated spindles after grinding an impressive concentricity of 0.000010" or less was found. We thought our machine was broken.

George Beal, Toyoda Machinery

"Meta-Lax has allowed Minco to maintain their high standard of quality yet still cut corners."

Don Paulus, Minco

"Meta-Lax is so effective that it has eliminated the need to stress relieve parts between rough and finish machining."

Dennis Rakosik, Schill Corp

"Meta-Lax has proven to be very beneficial to the longevity of crank shafts, rods, and pistons."

Ray Shepherd, Ray's Crack Repair

"Since using Meta-Lax, we have eliminated cracking in the last 600-700 cross tubes we made over a four-year period. That's unheard of in our business!"

Jim Kelly, Corrosion Engineering

"Meta-Lax has played an important role in assisting us in reaching this high level of precision expertise."

Gary Hansen, Hansen's Welding

"In the first four races before Meta-Lax was used two engines were totally destroyed. After Meta-Lax, no failures."

Ed Cooper, Unlimited Ventures Company

"Even finicky customers are happy."

Bruce Meihls, Fast Racing

"We have been very successful in improving the stability of both H-13 and mild steels."

Marty Kuypers, Lansco Die Casting

"Previously it was difficult to weld 18x24-inch cores and hold straightness any better than .020 to .030-inch. Now with Meta-Lax we hold the cores to about .005-inch distortion."

Jeff Sukupchak, Tigmaster

"You can't do precision machining without it."

Andy Parker, Parker Boring

"Extremely close tolerances were held and costly re-straightening was eliminated."

Ron Podolak, Detroit Flame Hardening

"We expected some warpage, but none occurred."

Charles Schanke, Purdue University

"We've been using Meta-Lax equipment for over 10 years and haven't received any negative feedback."

Lewis Glashower, Paragon Die

"We use Meta-Lax about 50% of the time for stress relieving and 50% for weld conditioning."

Don Whitfield, NASA Dryden Flight Research

"The Meta-Lax equipment nearly paid for itself with the first two jobs."

Greg West, WesTool

"Bottom line - after 70-80 hours of Meta-Lax weld conditioning per mold there were NO CRACKS!"

That's proof positive for me!"

Bruse Kronk, Modern Tooling Systems

"Use of this process has helped us control the flatness of the platens."

Pete Hann, Hann Industries

"We use our Meta-Lax system on about everything we do."

Paul Allen, Traverse Precision

"Weld conditioning is a valuable application of the process."

Jeff Shipstead, Penn Power & Light - Montana

"Finish grinding to a tolerance of 0.0002-inch on flatness and parallelism is easily done after this treatment."

Charles Moffat, Ex-Cell-O

"It does what they said it will do, I have no complaints."

Joe Wray, Tool Shop Contractors

"I think of Meta-Lax as an extra trick up my sleeve for a higher quality product."

Gerald Miller, NASA Langley Research Center

"The end result for us is a stronger weld and a longer lasting and safer hull."

Andy Stanton, Hike Metal

"Quality of stress relief? We have had no problems at all meeting our tolerance of 0.003-inch flatness total over 220-inch."

John Carlson, Komo Machine

***Now it is your turn
Get impressed with Meta-Lax!
Call 800-638-2529***

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