



Newspaper Press - Executive Summary

The Newspaper Press is a high circulation newspaper paper for a metro area. The presses are used for printing the daily newspaper as well as other articles and magazines for local distribution. At least one of the three large presses at the facility are in use at any single time. The three presses were installed in the late 1970's and each contains about 14-16 printing units, up 4 stories in height. Giving a total length of about 100 yards each and a total of about 150 control cabinets, 200 rollers, 42 DC motors and controllers, 3 high voltage busses, 3 complete control rooms, and a plate printing room.

The Newspaper Press facility experienced a fire in one of their rooftop air handlers, spreading smoke and soot in the plenum and filling the entire press facility. Coastal Technical Services (CTS) was contacted soon after the event and asked to evaluate the damage to the electrical controls and mechanical systems. Due to the fact that CTS was contacted so soon after the event, we were able to perform some emergency services including the use of corrosion inhibitors to help minimize the risk to the equipment.

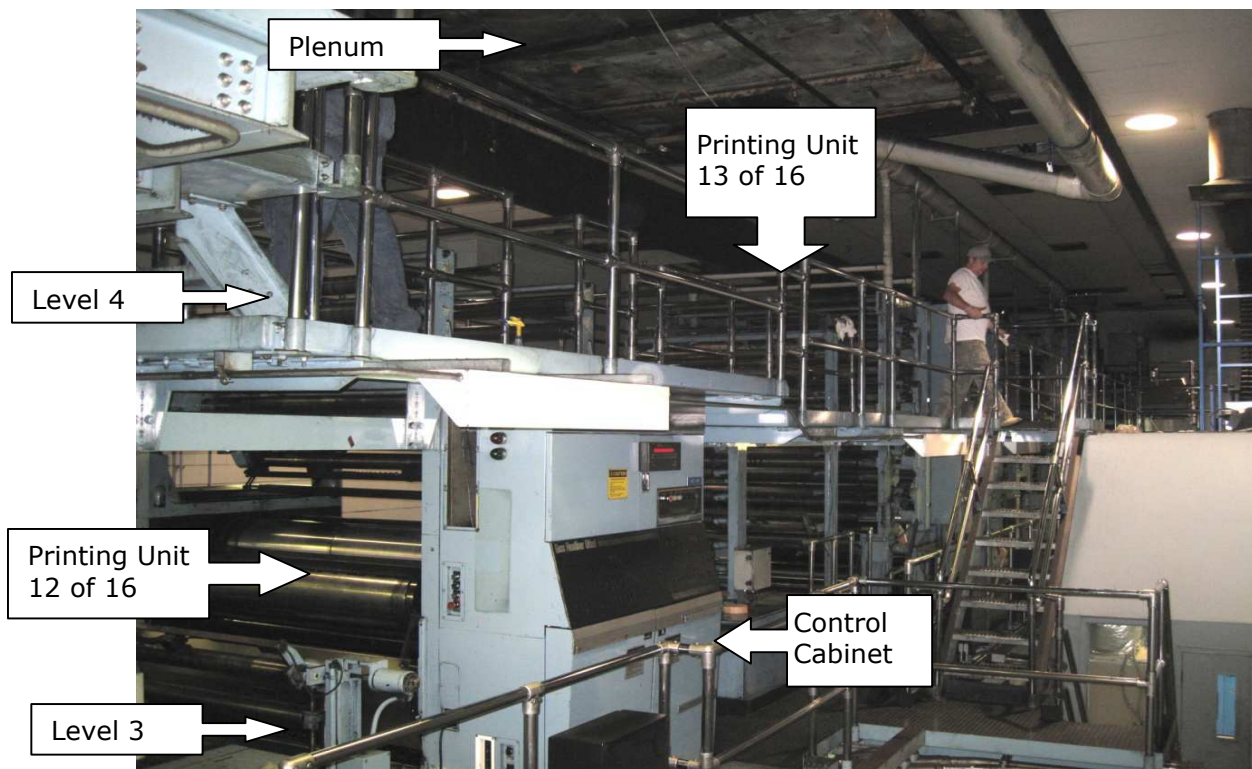


Figure 1: Printing Press Line 1 of 3

The data collected during the initial inspection was analyzed in the CTS laboratory and the contaminants were found to have some higher levels of ionic contamination as well as some abrasive characteristics that may be damaging to the mechanical equipment. Along with a consultant who specializes in the repair and installation of printing presses, CTS developed a cleaning protocol to restore the presses to a pre-loss condition. Up to that point, the Newspaper Press had experienced only a few minor failures, but the staff was concerned with the future impact to the equipment if the soot was not removed. This protocol was accepted by the Press staff and their insurance technical consultants. A few tweaks were made at the request of the Press mechanical and safety teams and the work was scheduled to begin immediately.

All of the control cabinets were cleaned, all of the motors tested, high voltage busses tested, press rollers cleaned, and control rooms remediated. The CTS press consultant participated in the work and additional OEM consultants were brought in to assist CTS in the restoration and assessment of the other specialized equipment, such as the two multi-million dollar AGFA plate printers and UPS equipment. CTS worked closely and met with Press staff daily to adjust the schedule as necessary. Accordingly, the normal press schedule was able to be resumed in short time and the presses continued normal operation throughout the remainder of the restoration process.

The overall project was a success was completed within budget and the allotted time-frame. The Newspaper Press was able to continue their normal operations and the risk of potential unplanned work-stoppages due to the fire event was mitigated through the restoration work. The cost of restoration was about 15-20% of the repair/replacement costs. Furthermore, the business interruption amounted to about 3 days, compared to about 4-6 months for equipment replacement.

This is an example of how a collaborative approach to restoration with the assistance of the insured, manufacturer specialists and CTS benefits ALL parties involved. Mitigating the Business Interruption, Repair and Replacement costs and the OEM Guarantee of Support and Maintenance, all ensured that our recovery efforts were for the long term!

****CTS provides consulting and engineering services for electronic and electromechanical equipment that has been affected by a contamination event. (Fire, Flood, Concrete/Construction dust, etc.)
When you have claims that include electronics or electromechanical equipment, call the professionals at CTS!!!!
800-662-2627***