

# Steel Applications

*Advanced Air System Technology™*

Reading Technologies products are utilized in the steel industry. Clean, dry compressed air is required for critical applications found in heavy industry.



## Coiling Control Lines

*3P-150-M08-DC*

Reading Technologies recommends Model Number 3P-150-M08-DC on the coiling control lines that direct the steel into the coiling pit. Water, dirt and oil can cause the valves and cylinders in the line to seize and stop production. These coils are essential to the rolling operations at the mills. The 1st stage element should be replaced every 6-9 months, and the 2nd stage coalescer every 12 months.



## Oven Camera Cleaning & Cooling

*4P-150-M08-DC*

Steel slabs are processed through ovens to prepare them for rolling operations. Cameras are utilized to view these slabs as they pass through the ovens. The lenses are kept clean and cooled by plant air. The Reading Technologies units keep oil off the lens preventing clouding of the camera's view into the oven. The mill placed a 1M-1200-M24-DC Eliminox Combo unit ahead of these units to eliminate bulk oil that was present in the air lines. The elements for the 4P unit should be changed every 4-6 months and the 1M unit is changed annually.



## Portable Compressors

*1M-700-M16-DC*

Mills often utilize portable compressors to provide air within a facility. These compressors do not have aftercoolers or dryers associated with them. By utilizing the 1M unit and additional lengths of industrial hoses the 1M unit can remove bulk water and oils from the compressor before it enters the plant's equipment. Be sure to install the 1M unit as far away from the compressor as possible.



## Cold Rolling Machines

*1M-700-M16-DCi*

Cold rolling mills have 4 of these units installed on the cylinder banks that control the thickness of the steel as it is re-rolled for particular customers. These units remove all of the contamination from the air lines and keep the mill from going down due to cylinder failure. The elements should be changed every 6 months.



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