Michigan Department
of Transportation
0387 (09/16)

HEAT STRAIGHTENING PROGRAM
AUDIT CHECKLIST

To be completed by the QA Inspector and submitted to the Structural Fabrication Unit.

Naming Convention: 0387 Heat Straightening Contractor MMDDYY.pdf

GENERAL INFORMATION	
HEAT STRAIGHTENING CONTRACTOR	CONTROL SECTION
PRIME CONTRACTOR	JOB NUMBER
PROJECT DESCRIPTION	STRUCTURE NUMBER
INSPECTOR / COMPANY	DATE

CHECKLIST	
	Approved Heat Straightening Plan (Form 0388) onsite and being followed?
	Temperature control devices used, calibrations.
	Constraint and jacking equipment gauged and calibrated.
	Check the jack gauges to ensure that excessive force is not being applied before heating.
	Periodically monitor the heating patterns, torch motion, size and temperature.
	Observe the color of the steel at the torch tip. In normal daylight lighting, the steel should have a satiny silver halo at the tip. In low light, a slight dull red glow may be visible.
	Reference points must be established to measure movements.
	Final acceptance should be based on meeting the specified dimensional tolerances without exceeding temperature or restraint limitations.

COMMENTS

INSPECTOR'S SIGNATURE _____