

STATE OF INDIANA

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AMENDED AUTHORIZATION TO DISCHARGE UNDER THE
INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM

INDUSTRIAL WASTEWATER PRETREATMENT (IWP) PERMIT

In accordance with 327 IAC 5-21 and IDEM's permitting authority under IC 13-15, Hitachi Astemo Indiana, Inc. (hereinafter referred to as the permittee) is authorized to discharge, from the facility located at 400 W New Road, Greenfield, Indiana into the City of Greenfield Publicly Owned Treatment Works (POTW), in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The permit, as issued on August 19, 2022, is hereby amended, as contained herein. The amended provisions shall become effective _____. All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the amendments will remain in effect until the amended provisions become effective. This permit and the authorization to discharge, as amended, shall expire at midnight September 30, 2027.

NOTE: In order to receive authorization to discharge beyond the date of expiration, the permittee must submit a renewal IWP permit application to the Industrial NPDES Permit Section in the Office of Water Quality, no later than one hundred and eighty (180) days prior to the date this permit expires. Failure to do so will result in expiration of the authorization to discharge.

Signed on _____ for the Indiana Department of
Environmental Management.

Jerry Dittmer, Chief
Permits Branch
Office of Water Quality

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 001[1][2]. Outfall 001 is located on the west side of the facility. Such discharge shall be limited and monitored by the permittee as specified below:

Table 1

Parameter [3]	Discharge Limitations		Monitoring Requirements		
	Daily Maximum	Monthly Average	Unit	Measurement Frequency [5]	Sample Type [4]
Flow [6]	Report	Report	MGD	1 X Daily	24-Hr. Total
Cadmium [Cd(T)]	0.1 [9]	0.07 [8]	mg/l	2 X Yearly	24-Hr. Comp.
Chromium [Cr(T)]	2.77 [9]	1.71 [8]	mg/l	2 X Monthly	24-Hr. Comp.
Copper [Cu(T)]	2.6 [9]	2.07 [8]	mg/l	1 X Monthly	24-Hr. Comp.
Lead [Pb(T)]	0.4 [9]	0.4 [10]	mg/l	1 X Monthly	24-Hr. Comp.
Nickel [Ni(T)]	2.9 [9]	2.38 [8]	mg/l	1 X Monthly	24-Hr. Comp.
Silver [Ag(T)]	0.43 [8]	0.24 [8]	mg/l	2 X Yearly	24-Hr. Comp.
Zinc [Zn(T)]	2.6 [9]	1.48 [8]	mg/l	2 X Monthly	24-Hr. Comp.
Cyanide [CN(T)][11]	0.2 [9]	0.2 [10]	mg/l	2 X Yearly	Grab
TTO [12]	2.13 [8]	-----	mg/l	2 X Yearly	Grab
Oil & Grease [O&G]	100 [9]	-----	mg/l	2 X Yearly	Grab

Table 2

Parameter	Quality or Concentration		Monitoring Requirements		
	Daily Minimum	Daily Maximum	Units	Measurement Frequency	Sample Type
pH [7]	5.0 [9]	9.0 [9]	s.u.	1 X Daily	Grab

[1] Outfall 001 shall be designated as process wastewaters and contains no dilution streams.

[2] The discharge shall not exceed the local limits in the Sewer Use Ordinance upon entering the POTW.

[3] All metals shall be analyzed as Total Recoverable Metals.

[4] A “24-hour composite sample” means a sample consisting of at least 3 individual