CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-6734
for
CERTIFIED ALLOY PRODUCTS, INC.
(NPDES NO. CAG994003)

I.   Reporting Requirements

A.   The discharger shall implement this monitoring program on January 26, 2000. The first monitoring report under this program is due by April 15, 2000.

B.   Monitoring reports shall be received by the Regional Board (addressed, Attention: Information Technology Unit) by the dates in the following schedule:

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

If there is no discharge, the report shall so state.

C.   Laboratory analyses - all chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services Environmental Laboratory Accreditation Program (ELAP) or approved by the Executive Officer. A Copy of laboratory certification shall be provided each time a new and/or renewal is obtained from ELAP.

D.   Analytical data shall be reported on Regional Board Laboratory Report Forms (or equivalent forms approved by the Executive Officer). These forms contain the requirements for analytical test results and Quality Assurance/Quality Control (QA/QC) reports for all water/wastewater samples analyzed for volatile organic compounds and metals. Analytical results for major wastewater constituents and other toxic compounds for which the Regional Board has not yet developed laboratory forms shall be reported separately but with similar information as in the Regional Board's laboratory forms. All analyses shall include discharge limitations of the Order, tabulated analytical data, the chain of custody, QA/QC, method of analyses, detection limits, practical quantitation level (PQL), copy of laboratory certification, and discharger perjury statement.

D.   The detection limits employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular detection limit is not attainable and obtains approval for a higher detection limit from the Executive Officer. The analyses shall specify the United

States Environmental Protection Agency (USEPA) analytical method used, its Method Detection Limit (MDL), and the PQL. For the purpose of reporting compliance with effluent limitations, analytical data shall be reported with an actual numerical value or "nondetected (ND)" with the MDL indicated for the analytical method used.

F.   Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All QA/QC items should be run on the same dates when samples were actually analyzed and documentation shall accompany the laboratory reports. Proper chain-of-custody procedures should be followed and verification should be submitted with the report.

II.   <u>Effluent Monitoring Requirements</u>

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. Provisions shall be made to enable visual inspections before discharge. In the event of presence of oil sheen, debris, and/or other objectionable materials or odors, discharge shall not be commenced before compliance with the requirements is ascertained. The following shall constitute the effluent monitoring program (cooling tower bleedoff):

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Total waste flow	gal/day	-----	monthly
Temperature	^{o}F	grab	quarterly
pH	pH units	grab	quarterly
Chlorine residual	mg/l	grab	semiannually
Oil and grease	mg/l	grab	semiannually
Settleable solids	ml/l	grab	semiannually
Suspended solids	mg/l	grab	semiannually
Turbidity	NTU	grab	semiannually
$BOD_5 20^{o}C$	mg/l	grab	annually
Acute Toxicity[1]	$^{\%}$Survival	grab	annually
Priority pollutants[2]	μg/l	grab	one time

(Excluding pesticides; refer to attached Priority Pollutants list)

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[1] By the method specified in "Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms" - September 1991, (EPA/600/4-90/027). Submission of bioassay results should include the information noted on pages 70-73 of the "Methods". The fathead minnow (<u>Pimephales Promelas</u>) shall be used as the test species. If the results of the annual toxicity test yield a survival of less than 90%, then the frequency of analysis shall be increased to once per week until at least three consecutive test results have been obtained and full compliance with Effluent Limitation A.5 of this Order

has been demonstrated, after which the frequency of analysis shall revert to annually. Results of toxicity tests shall be included in the first monitoring report following sampling.

[2] One time sample with analyses to be reported by July 15, 2000.

Quarterly effluent analyses shall be performed during the months of February, May, August, and November. Semiannual effluent analyses shall be performed during the months of February and August. Annual effluent analyses shall be performed during the month of February. Results of semiannual and annual analyses shall be reported in the appropriate quarterly monitoring report.

III.   <u>Notification</u>

The Discharger shall notify the Executive Officer in writing prior to discharge of any chemical which may be toxic to aquatic life. Such notification shall include:

1. Name and general composition of the chemical,
2. Frequency of use,
3. Quantities to be used,
4. Proposed discharge concentrations and,
5. EPA registration number, if applicable.

No discharge of such chemical shall be made prior to the Executive Officer's approval.

IV.   <u>Monitoring Frequencies</u>

Monitoring frequencies may be adjusted by the Executive Officer to a less frequent basis if such is requested by the discharger and backed by statistical trends of monitoring data submitted.

Ordered by: _____   Date: <u>January 26, 2000</u>
                    Dennis A. Dickerson
                    Executive Officer

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