

**STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL**

IN THE MATTER OF:

Tyco Electronics Corporation
Printed Circuit Group Stockton Division
1848 and 1856 Field Avenue
Stockton, California 95203
EPA ID Number CAD109227496

Respondent.

Docket SRPD 03/04 SCC-4313

CORRECTIVE ACTION
CONSENT AGREEMENT

Health and Safety Code
Sections 25187 and 25200.14

INTRODUCTION

The Department of Toxic Substances Control (DTSC) and Tyco Electronics Corporation, Printed Circuit Group Stockton Division (Respondent) enter into this Corrective Action Consent Agreement (Consent Agreement) and agree as follows:

1.1. Jurisdiction exists pursuant to Health and Safety Code section 25187 and 25200.14, which authorize DTSC to issue an order to require corrective action when DTSC determines that there is or may be a release of hazardous waste or hazardous waste constituents into the environment from a facility.

1.2. The parties enter into this Consent Agreement to avoid the expense of litigation and to carry out promptly the corrective action described below.

1.3. Respondent is the former operator of a hazardous waste facility located at 1848 and 1856 Field Avenue, Stockton, California 95203 ("Field Facility"). In May 2001, Respondent ceased operations at the Field Facility and commenced closure activities.

1.3.1. Lika Corporation operated a printed circuit board manufacturing at the Field Facility from 1982 to 1986.

1.3.2. In August 1987, Citation Circuits leased the Field Facility and operated the printed circuit board manufacturing at the site.

1.3.3. In October 1995, Sigma Circuits purchased Citation Circuits.

1.3.4. In July 1998, Respondent purchased Sigma Circuits.

1.3.5. The current property owner is Gianecchini Company located in Stockton, California.

1.4. Respondent engaged in the management of hazardous waste at the Field Facility pursuant to a Permit By Rule issued by DTSC on July 28, 1993.

1.5. The terms used in this Consent Agreement are as defined in California Code of Regulations, title 22, section 66260.10, except as otherwise provided. A decision, comment, or other activity by DTSC, or any cost incurred by DTSC, shall be reasonable and necessary if, based on information known to the parties at the time the activity occurred or the cost was incurred, it was within the scope of DTSC's jurisdiction and discretion, and was not arbitrary and capricious.

1.6. Respondent agrees to implement all DTSC-approved workplans and to undertake all actions required by the terms and conditions of this Consent Agreement, including any portions of this Consent Agreement incorporated by reference.

1.7. Respondent waives any right to request a hearing on this Consent Agreement pursuant to Health and Safety Code section 25187, subject to Paragraph 15.5 herein.

FINDINGS OF FACT

2.1. On December 31, 1996, Sigma Circuits, Respondent's predecessor company at the Field Facility, submitted a Phase I Environmental Assessment pursuant to Health and Safety Code section 25200.14. The Phase I Environmental Assessment identified that no further investigation is required at the facility.

2.1.1. In May 2001, Respondent ceased the manufacturing operations at the Field Facility and commenced closure activities. Respondent removed all equipment and materials from the facility.

2.1.2. In December 2001, Respondent conducted soil sampling and analysis at the Field Facility and identified areas of concern requiring investigation. Respondent conducted soil excavation and confirmatory sampling.

2.1.3. In August 2003, the San Joaquin County Certified Unified Program Agency ("CUPA") referred the closure and corrective action at the Field Facility to DTSC due to elevated levels of contaminants found during the closure activities. The contaminants of concern include 150 mg/kg copper; 610 mg/kg ammonia; 11,000 mg/kg TRPH; 0.023 mg/kg isopropanol; 260 mg/kg lead; 8.73 mg/kg chlorate; and 9.15 pH.

2.1.4. On November 24, 2003, DTSC conducted a site inspection of the Field Facility. Based on the site inspection and the information available to DTSC, DTSC has identified solid waste management units (SWMUs) and/or areas of concerns (AOCs) that either have released or may release hazardous waste or hazardous waste constituents into the environment.

2.2. Based on the information available to DTSC, DTSC concludes that further investigation is needed to determine the nature and extent of hazardous waste or hazardous waste constituents released in the following SWMUs and/or AOCs:

AOC #1, Area 1, Bulk Storage Area, 1848 Field Avenue

AOC #2, Area 2, Vacuum Baghouse Area, Outside Building 2, 1856 Field Avenue

AOC #3, Area 3, Air Compressors Area, Outside Building 2, 1856 Field Avenue

AOC #4, Area 4, Lamination Press Area, 1856 Field Avenue

AOC #5, Pre-Clean Room, 1848 Field Avenue

AOC #6, Multibond Line Room, 1848 Field Avenue

AOC #7, DES Line, 1848 Field Avenue

AOC #8, Batch Wastewater Treatment Unit, 1848 Field Avenue

AOC #9, Continuous Wastewater Treatment Unit, 1848 Field Avenue

AOC #10, Backwall, 1848 Field Avenue, Discoloration on cement floor

AOC #11, Chemical Storage Area, 1848 Field Avenue

AOC #12, Underground Pipe line area located between Buildings 1 and 2

AOC #13, Chemical Storage Area, 1856 Field Avenue

AOC #14, Groundwater

2.3. The hazardous waste and hazardous waste constituents of concern at the Field Facility are metals, corrosives, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), PCBs, and petroleum hydrocarbons.

2.4. Hazardous wastes or hazardous waste constituents may migrate from the Field Facility into the environment through groundwater, airborne dusts, and surface runoff water.

2.5. The Field Facility is located approximately 500 feet from the Turning Basin of Stockton Deep Water Channel of the San Joaquin River and less than one-half mile from Mormon Slough. The Smith Canal is located less than one mile to the north

of the facility. In October 2003, groundwater was encountered at 8.5 feet below ground surface.

2.6. Releases from the Field Facility have migrated to soil and may have migrated to groundwater. The contaminated soil on the Field Facility has a potential to become airborne and affect nearby residents. Workers at the Field Facility may become exposed to the contaminated soil on site during work related activities, including development and construction activities.

PROJECT COORDINATOR

3. Within 14 days of the effective date of this Consent Agreement, DTSC and Respondent shall each designate a Project Coordinator and shall notify each other in writing of the Project Coordinator selected. Each Project Coordinator shall be responsible for overseeing the implementation of this Consent Agreement and for designating a person to act in his/her absence. All communications between Respondent and DTSC, and all documents, report approvals, and other correspondence concerning the activities performed pursuant to this Consent Agreement shall be directed through the Project Coordinators. Each party may change its Project Coordinator with at least seven days prior written notice.

WORK TO BE PERFORMED

4. Respondent agrees to perform the work required by this Consent Agreement in accordance with the applicable state and federal laws, their implementing regulations, and the applicable DTSC and the United States Environmental Protection Agency guidance documents.

PRELIMINARY ENDANGERMENT ASSESSMENT

5. Respondent shall conduct a Preliminary Endangerment Assessment (PEA) for the Field Facility, and if necessary, further investigation and remediation of any release of hazardous waste or hazardous waste constituents at or from the Field Facility. Within 60 days of the effective date of this Consent Agreement, Respondent shall submit to DTSC a PEA Workplan for the Field Facility and an implementation schedule for approval. Respondent shall implement the DTSC approved PEA Workplan and schedule. Within 60 days upon completion of the PEA activities, Respondent shall submit to DTSC a Final PEA Report for approval for the Field Facility. Respondent shall conduct the PEA in accordance with the Preliminary Endangerment Assessment Guidance Manual (State of California Environmental Protection Agency, Department of Toxic Substances Control, June 1999).

ADDITIONAL WORK

6. If DTSC determines that further investigation and remediation are necessary at either of the Field Facility, DTSC and Respondent will negotiate another consent agreement or amend this Consent Agreement to address the additional work. If another consent agreement or an amendment is not reached within 60 days, DTSC

reserves its right to issue an order or take any other action provided for by law. DTSC's costs incurred in negotiating the subsequent consent agreement or the amendment are considered costs incurred pursuant to this Consent Agreement and are payable under this Consent Agreement.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

7. DTSC must comply with the California Environmental Quality Act (CEQA) insofar as activities required by this Consent Agreement are projects subject to CEQA. Respondent shall provide all information necessary to facilitate any CEQA analysis. DTSC will make an initial determination regarding the applicability of CEQA. If the activities are not exempt from CEQA, DTSC will conduct an Initial Study. Based on the results of the Initial Study, DTSC will determine if a Negative Declaration or an Environmental Impact Report (EIR) should be prepared. DTSC will prepare and process any such Negative Declaration. However, should DTSC determine that an EIR is necessary, such an EIR would be prepared under a separate agreement between DTSC and Respondent.

DTSC APPROVAL

8.1. Respondent shall revise any workplan, report, specification, or schedule in accordance with DTSC's reasonable written comments. Respondent shall submit to DTSC any revised documents by the due date specified by DTSC. Revised submittals are subject to DTSC's approval or disapproval, subject to paragraph 15.5 *infra*.

8.2. Upon receipt of DTSC's written approval, Respondent shall commence work and implement any approved workplan in accordance with the schedule and provisions contained therein.

8.3. Any DTSC-approved workplan, report, specification, or schedule required under this Consent Agreement shall be deemed incorporated into this Consent Agreement.

8.4. Oral advice, suggestions, or comments given by DTSC representatives will not constitute an official approval or decision.

SUBMITTALS

9.1. Beginning with the first full month following the effective date of this Consent Agreement, Respondent shall provide DTSC with a quarterly progress reports of corrective action activities conducted pursuant to this Consent Agreement. Progress reports are due on the fifteenth day of the first month following the close of each reporting period. The progress reports shall conform to the Scope of Work for Progress Reports contained in Attachment 1. DTSC may adjust the frequency of progress reporting to be consistent with site-specific activities.

9.2. Any report or other document submitted by Respondent pursuant to this Consent Agreement shall be signed and certified by the project coordinator, a responsible corporate officer, or a duly authorized representative.

9.3. The certification required by paragraph 9.2 above, shall be in the following form:

I certify that the information contained in or accompanying this submittal is true, accurate, and complete. As to those portions of this submittal for which I cannot personally verify the accuracy, I certify that this submittal and all attachments were prepared at my direction in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted.

Signature: _____

Name: _____

Title: _____

Date: _____

9.4. Respondent shall provide three copies of all documents, including but not limited to, workplans, reports, and correspondence. Submittals specifically exempted from this copy requirement are all progress reports and correspondence of less than 15 pages, of which one copy is required.

9.5. Unless otherwise specified, all reports, correspondence, approvals, disapprovals, notices, or other submissions relating to this Consent Agreement shall be in writing and shall be sent to the current Project Coordinators.

PROPOSED CONTRACTOR/CONSULTANT

10. All work performed pursuant to this Consent Agreement shall be under the direction and supervision of a professional engineer or registered geologist, registered in California, with expertise in hazardous waste site cleanup. Respondent's contractor or consultant shall have the technical expertise sufficient to fulfill his or her responsibilities. Within 14 days of the effective date of this Consent Agreement, Respondent shall notify DTSC Project Coordinator in writing of the name, title, and qualifications of the professional engineer or registered geologist and of any contractors or consultants and their personnel to be used in carrying out the terms of this Consent Agreement.

QUALITY ASSURANCE

11.1. All sampling and analyses performed by Respondent under this Consent Agreement shall follow applicable DTSC and USEPA guidance for sampling and analysis. Workplans shall contain quality assurance/quality control and chain of

custody procedures for all sampling, monitoring, and analytical activities. Any deviations from the approved workplans must be approved by DTSC prior to implementation, must be documented, including reasons for the deviations, and must be reported in the applicable report.

11.2. The names, addresses, and telephone numbers of the California State certified analytical laboratories Respondent proposes to use must be specified in the applicable workplans.

SAMPLING AND DATA/DOCUMENT AVAILABILITY

12.1. Respondent shall submit to DTSC upon request the results of all sampling and/or tests or other data generated by its employees, agents, consultants, or contractors pursuant to this Consent Agreement.

12.2. Respondent shall notify DTSC in writing at least seven days prior to beginning each separate phase of field work approved under any workplan required by this Consent Agreement. If Respondent believes it must commence emergency field activities without delay, Respondent may seek emergency telephone authorization from DTSC Project Coordinator or, if the Project Coordinator is unavailable, his/her Branch Chief, to commence such activities immediately.

12.3. At the request of DTSC, Respondent shall provide or allow DTSC or its authorized representative to take split or duplicate samples of all samples collected by Respondent pursuant to this Consent Agreement. Similarly, at the request of Respondent, DTSC shall allow Respondent or its authorized representative to take split or duplicate samples of all samples collected by DTSC under this Consent Agreement.

ACCESS

13. Subject to the Facility's security and safety procedures, Respondent agrees to provide DTSC and its representatives access at all reasonable times to the Facility to which access is required for implementation of this Consent Agreement and shall permit such persons to inspect and copy all records, files, photographs, documents, including all sampling and monitoring data, that pertain to work undertaken pursuant to this Consent Agreement and that are within the possession or under the control of Respondent or its contractors or consultants.

RECORD PRESERVATION

14.1. Respondent shall retain, during the pendency of this Consent Agreement and for a minimum of six years after its termination, all data, records, and documents that relate in any way to the performance of this Consent Agreement or to hazardous waste management and/or disposal at the Facility. Respondent shall notify DTSC in writing 90 days prior to the destruction of any such records, and shall provide DTSC with the opportunity to take possession of any such records. Such written

notification shall reference the effective date, caption, and docket number of this Consent Agreement and shall be addressed to:

Mr. Stephen W. Lavinger, Chief
Tiered Permitting Corrective Action Branch
Permitting and Corrective Action Division
Hazardous Waste Management Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

14.2. If Respondent retains or employs any agent, consultant, or contractor for the purpose of carrying out the terms of this Consent Agreement, Respondent will require any such agents, consultants, or contractors to provide Respondent a copy of all documents produced pursuant to this Consent Agreement.

14.3. All documents pertaining to this Consent Agreement shall be stored in a central location at the Facility, or at a location otherwise agreed to by the parties, to afford reasonable access by DTSC and its representatives.

DISPUTE RESOLUTION

15.1. The parties agree to use their best efforts to resolve all disputes informally. The parties agree that the procedures contained in this section are the sole administrative procedures for resolving disputes arising under this Consent Agreement. If Respondent fails to follow the procedures contained in this section, it shall have waived its right to further consideration of the disputed issue.

15.2. If Respondent disagrees with any written decision by DTSC pursuant to this Consent Agreement, Respondent's Project Coordinator shall orally notify DTSC's Project Coordinator of the dispute. The Project Coordinators shall attempt to resolve the dispute informally.

15.3. If the Project Coordinators cannot resolve the dispute informally, Respondent may pursue the matter formally by placing its objection in writing. Respondent's written objection must be forwarded to the Chief, Tiered Permitting Corrective Action Branch, Permitting and Corrective Action Division, Hazardous Waste Management Program, Department of Toxic Substances Control, with a copy to DTSC's Project Coordinator. The written objection must be mailed to the Branch Chief within 14 days of Respondent's receipt of DTSC's written decision. Respondent's written objection must set forth the specific points of the dispute and the basis for Respondent's position.

15.4. DTSC and Respondent shall have 14 days from DTSC's receipt of Respondent's written objection to resolve the dispute through formal discussions. This period may be extended by DTSC for good cause. During such period, Respondent may meet or confer with DTSC to discuss the dispute.

15.5. After the formal discussion period, DTSC will provide Respondent with its written decision on the dispute. DTSC's written decision will reflect any agreements reached during the formal discussion period and be signed by the Branch Chief or his/her designee. Notwithstanding any of this section or agreement to the contrary, Respondent reserves all rights to seek administrative and/or judicial review of any decision by DTSC which is arbitrary and capricious or otherwise not in accordance with law.

15.6. During the pendency of all dispute resolution procedures set forth above, the time periods for completion of work required under this Consent Agreement that are affected by such dispute shall be extended for a period of time not to exceed the actual time taken to resolve the dispute. The existence of a dispute shall not excuse, toll, or suspend any other compliance obligation or deadline required pursuant to this Consent Agreement.

RESERVATION OF RIGHTS

16.1. DTSC reserves all of its statutory and regulatory powers, authorities, rights, and remedies, which may pertain to Respondent's failure to comply with any of the requirements of this Consent Agreement. Respondent reserves all of its statutory and regulatory rights, defenses and remedies, as they may arise under this Consent Agreement. This Consent Agreement shall not be construed as a covenant not to sue, release, waiver, or limitation on any powers, authorities, rights, or remedies, civil or criminal, that DTSC or Respondent may have under any laws, regulations or common law.

16.2. DTSC reserves the right to disapprove of work performed by Respondent pursuant to this Consent Agreement and to request that Respondent perform additional tasks.

16.3. DTSC reserves the right to perform any portion of the work consented to herein or any additional site characterization, feasibility study, and/or remedial actions it deems necessary to protect human health and/or the environment. DTSC may exercise its authority under any applicable state or federal law or regulation to undertake response actions at any time. DTSC reserves its right to seek reimbursement from Respondent for costs incurred by the State of California with respect to such actions. DTSC will notify Respondent in writing as soon as practicable regarding the decision to perform any work described in this section.

16.4. If DTSC determines that activities in compliance or noncompliance with this Consent Agreement have caused or may cause a release of hazardous waste and/or hazardous waste constituents, or a threat to human health and/or the environment, or that Respondent is not capable of undertaking any of the work required, DTSC may order Respondent to stop further implementation of this Consent Agreement for such period of time as DTSC determines may be needed to abate any such release or threat and/or to undertake any action which DTSC determines is necessary to abate such release or threat. The deadlines for any actions required of Respondent under this

Consent Agreement affected by the order to stop work shall be extended to take into account DTSC's actions.

16.5. This Consent Agreement is not intended to be nor shall it be construed to be a permit. This Consent Agreement is not a substitute for, and does not preclude DTSC from requiring, any hazardous waste facility permit, post closure permit, closure plan or post closure plan. The parties acknowledge and agree that DTSC's approval of any workplan, plan, and/or specification does not constitute a warranty or representation that the workplans, plans, and/or specifications will achieve the required cleanup or performance standards. Compliance by Respondent with the terms of this Consent Agreement shall not relieve Respondent of its obligations to comply with the Health and Safety Code or any other applicable local, state, or federal law or regulation.

OTHER CLAIMS

17. Except as provided in this Consent Agreement, nothing in this Consent Agreement shall constitute or be construed as a release by DTSC or Respondent from any claim, cause of action, or demand in law or equity against any person, firm, partnership, or corporation for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous constituents, hazardous substances, hazardous wastes, pollutants, or contaminants found at, taken to, or taken or migrating from the Facility.

COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS

18. Respondent shall comply with all applicable waste discharge requirements issued by the State Water Resources Control Board or a California regional water quality control board.

OTHER APPLICABLE LAWS

19. All actions required by this Consent Agreement shall be conducted in accordance with the requirements of all local, state, and federal laws and regulations. Respondent shall obtain or cause its representatives to obtain all permits and approvals necessary under such laws and regulations.

REIMBURSEMENT OF DTSC'S COSTS

20.1. Respondent shall pay DTSC's costs incurred in the implementation of this Consent Agreement.

20.2. An estimate of DTSC's reasonable and necessary costs is attached as Exhibit A showing the amount of \$25,650.00. It is understood by the parties that this amount is only a cost estimate for the activities shown on Exhibit A, and it may differ from the actual costs incurred by DTSC in overseeing these activities or in implementing this Consent Agreement. DTSC will provide additional cost estimates to Respondent as the work progresses under the Consent Agreement.

20.3. Respondent shall make an advance payment to DTSC in the amount of \$12,825.00 within 30 days of the effective date of this Consent Agreement. If the advance payment exceeds DTSC's costs, DTSC will refund the balance within 120 days after the execution of the Acknowledgment of Satisfaction pursuant to Section 22 of this Consent Agreement.

20.4. DTSC will provide Respondent with a billing statement at least quarterly, which will include the names) of the employee(s), identification of the activities, the amount of time spent on each activity, and the hourly rate charged. If Respondent does not pay an invoice within 60 days of the date of the billing statement, the amount is subject to interest as provided by Health and Safety Code section 25360.1.

20.5. DTSC will retain all costs records associated with the work performed under this Consent Agreement as required by state law. DTSC will make all documents that support the DTSC's cost determination available for inspection upon request, as provided by the Public Records Act.

20.6. Any dispute concerning DTSC's reasonable and necessary costs incurred pursuant to this Consent Agreement is subject to the Dispute Resolution provision of this Consent Agreement and the dispute resolution procedures as established pursuant to Health and Safety Code section 25269.2. DTSC reserves its right to recover unpaid costs under applicable state and federal laws.

20.7. All payments shall be made within 30 days of the date of the billing statement by check payable to the Department of Toxic Substances Control and shall be sent to:

Accounting Unit
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

All checks shall reference the name of the Facility, the Respondent's name and address, and the docket number of this Consent Agreement. Copies of all checks and letters transmitting such checks shall be sent simultaneously to DTSC's Project Coordinator.

MODIFICATION

21.1. This Consent Agreement may be modified by mutual agreement of the parties. Any agreed modification shall be in writing, shall be signed by both parties, shall have as its effective date the date on which it is signed by all the parties, and shall be deemed incorporated into this Consent Agreement.

21.2. Any requests for revision of an approved workplan requirement must be in writing. Such requests must be timely and provide justification for any proposed workplan revision. DTSC has no obligation to approve such requests, but if it

does so, such approval will be in writing and signed by the Chief, Tiered Permitting Corrective action Branch, Permitting and Corrective Action Division, Hazardous Waste Management Program, Department of Toxic Substances Control, or his or her designee. Any approved workplan revision shall be incorporated by reference into this Consent Agreement.

TERMINATION AND SATISFACTION

22. The provisions of this Consent Agreement shall be deemed satisfied upon the execution by both parties of an Acknowledgment of Satisfaction (Acknowledgment). DTSC will prepare the Acknowledgment for Respondent's signature. The Acknowledgment will specify that Respondent has demonstrated to the satisfaction of DTSC that the terms of this Consent Agreement including payment of DTSC's costs have been satisfactorily completed. The Acknowledgment will affirm Respondent's continuing obligation to preserve all records after the rest of the Consent Agreement is satisfactorily completed.

EFFECTIVE DATE

23. The effective date of this Consent Agreement shall be the date on which this Consent Agreement is signed by all the parties. Except as otherwise specified, "days" means calendar days.

SIGNATORIES

24. Each undersigned representative certifies that he or she is fully authorized to enter into this Consent Agreement.

DATE: _____

BY: _____
Printed Name and Title of Representative
Tyco Electronics Corporation

Signature
Tyco Electronics Corporation

DATE: _____

BY: _____
Stephen W. Lavinger, Chief
Tiered Permitting Corrective Action Branch
Permitting and Corrective Action Division
Hazardous Waste Management Program
Department of Toxic Substances Control

This Corrective Action Consent Agreement posted on DTSC's website does not include all attachments from the original document. If you need copies of a specific document, please contact the DTSC project manager listed in the document.