

**TECHNICAL SERVICES DEPARTMENT**  
**W. G. KRUMMRICH PLANT**  
**WORK PROPOSAL**

| APPROVALS:<br>TSD SUPERVISOR<br><u>W. C. Engman</u><br>TSD SUPERVISOR<br><u>D. W. Jackson</u><br>LOCATION TSM<br><u>G. L. Bratsch</u>                                                                                                                       |    | TITLE<br><b>Waste Aroclor Incineration</b>                                                                                                                                                                          |  | TSD JOB NO.<br><u>4263</u>                                                                                                                                                                                                                                                                                                                                                                                                                    |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------|---|--|---|--|---|--|---|----|---|--|---|--|---|----|---|--|---|--|
|                                                                                                                                                                                                                                                             |    | PRODUCT CODE<br><u>81451</u>                                                                                                                                                                                        |  | BUSINESS GROUP<br><b>Functional Fluids</b>                                                                                                                                                                                                                                                                                                                                                                                                    |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
|                                                                                                                                                                                                                                                             |    | PRODUCT<br><u>Spec. Mfg. Job to Aroclor</u>                                                                                                                                                                         |  | BUILT NO.<br><u>748</u>                                                                                                                                                                                                                                                                                                                                                                                                                       |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| STATEMENT OF PROBLEM:<br><p>PCB's have been detected in a number of parts of the environment. Monsanto is the sole U.S. producer of PCB. As part of an overall program, WGK is to install an incinerator to destroy all non-reclaimable Aroclor wastes.</p> |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| COPIES TO:<br>PRODUCT TSM<br><u>L. R. Savare</u><br>BUS. SR. RESEARCH MGR.<br>(Only if R&D involved)                                                                                                                                                        |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| STATEMENT OF OBJECTIVE OF WORK:<br><p>Assist in the design and start-up of the waste Aroclor incineration project, CEA 2415.</p>                                                                                                                            |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| ESTIMATED SAVINGS, NEW EARNINGS, OR OTHER BENEFIT (Show Calculation if Applicable)<br><p>No savings claimed.</p> <p>Project justified on reducing PCB pollution in the environment.</p>                                                                     |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| SUGGESTED SOLUTION, APPROACH, AND/OR REFERENCES:<br><p>CED is preparing a scope and appropriation request for a major project. This incinerator will be installed at the site of the phenol fusion reactors.</p>                                            |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| PROGRESS REPORTS                                                                                                                                                                                                                                            |    | EST. TSD MAN DAYS<br><u>100</u>                                                                                                                                                                                     |  | EST. TSD COST<br><u>\$8000</u>                                                                                                                                                                                                                                                                                                                                                                                                                |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| REPORT NO.                                                                                                                                                                                                                                                  |    | DATE                                                                                                                                                                                                                |  | ESTIMATED SAVINGS OR EARNINGS<br>---                                                                                                                                                                                                                                                                                                                                                                                                          |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
|                                                                                                                                                                                                                                                             |    | COMMENTS:<br><ol style="list-style-type: none"> <li>Start-up is scheduled for May, 1971.</li> <li>Installation should be compatible with future incineration projects.</li> </ol> <p align="center">MONS 096765</p> |  | EST. TYPE OF WORK                                                                                                                                                                                                                                                                                                                                                                                                                             |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
|                                                                                                                                                                                                                                                             |    |                                                                                                                                                                                                                     |  | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">TSD CHARTER</th> <th style="width:50%;">PERCENT OF</th> </tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td>75</td></tr> <tr><td>5</td><td></td></tr> <tr><td>6</td><td></td></tr> <tr><td>7</td><td>25</td></tr> <tr><td>8</td><td></td></tr> <tr><td>9</td><td></td></tr> </table> |            | TSD CHARTER | PERCENT OF | 1 |  | 2 |  | 3 |  | 4 | 75 | 5 |  | 6 |  | 7 | 25 | 8 |  | 9 |  |
|                                                                                                                                                                                                                                                             |    |                                                                                                                                                                                                                     |  | TSD CHARTER                                                                                                                                                                                                                                                                                                                                                                                                                                   | PERCENT OF |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
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| 3                                                                                                                                                                                                                                                           |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| 4                                                                                                                                                                                                                                                           | 75 |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| 5                                                                                                                                                                                                                                                           |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| 6                                                                                                                                                                                                                                                           |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| 7                                                                                                                                                                                                                                                           | 25 |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| 8                                                                                                                                                                                                                                                           |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| 9                                                                                                                                                                                                                                                           |    |                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
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| WORK REQUESTED BY <u>B. W. Corlew</u>                                                                                                                                                                                                                       |    | DATE <u>8/5/70</u>                                                                                                                                                                                                  |  | WORK ASSIGNED TO <u>A. L. Rasmussen</u> <span style="float:right">ALR</span> DATE <u>8/5/70</u>                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |
| WORK ASSIGNED TO                                                                                                                                                                                                                                            |    | DATE                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |             |            |   |  |   |  |   |  |   |    |   |  |   |  |   |    |   |  |   |  |