

R&D PROJECT PLANNING SYSTEM  
1998 Detailed Capital Budget for Cost Center 6R3 - PRODUCT TESTING LABORATORY

| Proj   | Capital Item Description   | Jan | Feb | Mar    | Apr | May    | Jun     | Jul | Aug     | Sep     | Oct    | Nov    | Dec | Total   |
|--------|--|-----|-----|--------|-----|--------|---------|-----|---------|---------|--------|--------|-----|---------|
| C6R300 | 6R3 - Product Testing Laboratory   |     |     |        |     |        |         |     |         |         |        |        |     | 0       |
| -      | **AUTOMATIC WEIGH STATION<br>Comments: MAY BE NEEDED IF FTC<br>SMOKING PROTOCOLS ARE MODIFIED            |     |     |        |     |        |         |     |         |         |        |        |     | 0       |
| -      | **FILTRONA SMOKING MACHINES (2)<br>Comments: MAY BE NEEDED IF FTC<br>SMOKING PROTOCOLS ARE MODIFIED      |     |     |        |     |        |         |     |         |         |        |        |     | 0       |
| -      | AUTOMATED PT STATION<br>Comments: NEEDED TO REPLACE<br>OBSOLETE PHYSICAL TESTING EQUIPMENT               |     |     |        |     |        | 100,000 |     |         |         |        |        |     | 100,000 |
| -      | BALANCES (2 FOR PML)<br>Comments: NEEDED TO REPLACE<br>OBSOLETE EQUIPMENT                                |     |     | 7,000  |     |        |         |     |         |         |        |        |     | 7,000   |
| -      | CIGARETTE LENGTH INSTRUMENT<br>Comments: NEEDED TO REPLACE<br>OBSOLETE EQUIPMENT                         |     |     |        |     |        |         |     |         | 25,000  |        |        |     | 25,000  |
| -      | CO DETECTORS FOR BORGWALDT SMOKING<br>MACHINES (2)<br>Comments: NEEDED TO MEASURE PRODUCT<br>CO          |     |     | 30,000 |     |        |         |     |         |         |        |        |     | 30,000  |
| -      | CONTINUOUS FLOW ANALYZER<br>Comments: ADDITIONAL UNIT TO<br>PROVIDE IMPROVED ACCURACY AND<br>RELIABILITY |     |     |        |     | 40,000 |         |     |         |         |        |        |     | 40,000  |
| -      | DRYING OVEN<br>Comments: NEEDED TO REPLACE<br>OBSOLETE UNIT [SAFETY HAZARD]<br>FTIR (2)                  |     |     | 4,000  |     |        |         |     |         |         |        |        |     | 4,000   |
| -      | Comments: NEEDED TO REPLACE<br>OBSOLETE UNITS  |     |     |        |     |        |         |     |         | 100,000 |        |        |     | 100,000 |
| -      | GC DISPENSING SYSTEMS (2)<br>Comments: NEEDED TO REPLACE<br>OBSOLETE EQUIPMENT                           |     |     |        |     |        | 40,000  |     |         |         |        |        |     | 40,000  |
| -      | GENERAL EASTERN HYGROMETER<br>Comments: NEEDED FOR ISO 25<br>ACCREDITATION                               |     |     | 7,000  |     |        |         |     |         |         |        |        |     | 7,000   |
| -      | NITROGEN GENERATOR<br>Comments: NEEDED TO SUPPLY NITROGEN<br>TO FTIR SYSTEM                              |     |     |        |     |        |         |     | 10,000  |         |        |        |     | 10,000  |
| -      | PERMEABILITY INSTRUMENT<br>Comments: NEEDED TO TEST SPECIAL<br>PAPERS                                    |     |     |        |     |        |         |     |         |         | 45,000 |        |     | 45,000  |
| -      | PERMEABILITY UPGRADE<br>Comments: UPGRADE TO IMPROVE<br>QUALITY OF RESULTS AND EASE OF<br>OPERATION      |     |     |        |     |        | 6,500   |     |         |         |        |        |     | 6,500   |
| -      | PHOTOMICROGRAPH ENHANCER<br>Comments: USED TO CAPTURE AND STORE<br>IMAGES FROM THE MICROSCOPY LAB        |     |     |        |     |        |         |     |         |         |        | 16,000 |     | 16,000  |
| -      | SIEVE STATION<br>Comments: NEEDED TO REPLACE<br>OBSOLETE UNIT  |     |     |        |     |        |         |     |         | 2,500   |        |        |     | 2,500   |
| -      | SMOKING MACHINES (2)<br>Comments: TO REPLACE 3 PORT SMOKING<br>MACHINES FOR FTIR                         |     |     |        |     |        |         |     |         | 120,000 |        |        |     | 120,000 |
| -      | SMOKING MACHINES (2)<br>Comments: NEEDED TO REPLACE<br>OBSOLETE EQUIPMENT                                |     |     |        |     |        |         |     | 300,000 |         |        |        |     | 300,000 |
| -      | STATIC BURN SMOKING MACHINE<br>Comments: NEEDED TO REPLACE<br>OBSOLETE UNIT                              |     |     |        |     |        |         |     |         |         |        | 80,000 |     | 80,000  |
|        | Sub-Total for Activity C6R300:   | 6   | 0   | 48,000 | 0   | 40,000 | 146,500 | 0   | 310,000 | 247,500 | 45,000 | 96,000 | 0   | 933,000 |
|        | Grand Total:   | 0   | 0   | 48,000 | 0   | 40,000 | 146,500 | 0   | 310,000 | 247,500 | 45,000 | 96,000 | 0   | 933,000 |

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