

COSTING FORMULA FOR INJECTION MOLDED

METAL AND CERAMIC PARTS

DATE: 4/16/82

MAG ASSM

PART NAME & NUMBER: SPRING ASSM. LARGE END

MATERIAL $\left(\frac{\text{_____ lb/pc}}{\text{_____}} \right) \left(\frac{\text{_____ \$ / lb}}{\text{.95}} \right)$

LABOR MOLDING = $\left(\frac{\text{_____ SEC / CYCLE}}{\text{_____ CAV. (3600 SEC / HR)}} \right) \left(\frac{9.46 \$ / HR}{.65} \right) =$
+ $\frac{9.46 \$ / HR}{\text{_____ PC / HR}} =$ +
PROCESSING = $\left(\frac{\text{_____ PC / HR}}{\text{_____}} \right) (0.95)(0.80) =$

TOTAL LABOR COST =

DIRECT CHARGES @ 100% OF LABOR

PLANT OVERHEAD @ 110% OF LABOR

INDUSTRIAL RELATIONS @ 48% OF LABOR

TOOL AMORTIZATION $\left(\frac{\text{_____ \$ TOOL COST}}{\text{_____ PC TOOL LIFE}} \right)$

DEPRECIATION $\left(\frac{(118.3 \$ / HR) \times 7.5 \%}{\text{_____ PC / HR}} \right)$

FACTORY COST (FC)

LICENSE FEES

RESEARCH (14% FC)

MARKETING (9% FC)

ADMINISTRATIVE (10% FC)

ROYALTIES (5.5% FC)

MARGIN (CALCULATED BY MATERIAL CLASS)

SELLING PRICE

4-2-82

effluent tube

0.0780
5.0000
0.4105

60.0000
4.0000
0.0606

68.6795
0.1812

0.2419

0.2419

0.2661

0.1161

35000.0000
500000.0000
0.0700

54.9438
0.1615

1.5079

0.0310

0.2111

0.1357

0.1508

0.0000

0.0000

2.0366