Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ April 22, 2018 IDM 404 In-Class Assignment

*Review pages 277-278 of the Gelman Sciences Case Study.*

*You will be completing Problems 1 and 2 during class today. Save the file as yourfullnameIDM404PleatingApril2. Email it to me by 1:15 today. Use “IDM404PleatSeam yourfullname” as the subject line of the email.*

Problem 1:

Complete the following table based on the Pleating/Seaming process described. Use as many steps as necessary.

|  |  |  |
| --- | --- | --- |
| Step Number | Operator  P=pleater  S= seamer  O=other | Process Step Description |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |
| 9 |  |  |
| 10 |  |  |
| 11 |  |  |
| 12 |  |  |
| 13 |  |  |
| 14 |  |  |
| 15 |  |  |

Problem 2:

Refer to the DCF Cell Cross-Training Matrix on page 277. Management has decided that there should be 5 workers fully trained and capable of training others for Seaming, Pleating, and Endcapping. Determine who should be the trainer and who should be trained for each of the three operations. There can be no duplications because the training will be conducted at the same time for each of the three operations.

Complete the table.

|  |  |  |
| --- | --- | --- |
|  | Trainer | Trainee |
| Pleating |  |  |
| Seaming |  |  |
| Endcapping |  |  |

Use 5-10 sentences to justify your choices based on economic and human resource principles.

|  |  |
| --- | --- |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |