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Correspondence to the Morgan Construction Company

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April 5, 1965

Morgan Construction Company,
15 Belmont Street,
Worcester, Massachusetts.

Attention: Mr. Thomas P. Whittington Jr.

Reference: P.O. H-10395 and our SD 4-1401-3 dated March 10, 1965

Gentlemen:

We wish to confirm our meeting of March 25, 1965 and subsequent 'phone calls as follows. In relation to our letter, the following agreements were made to Attachment #1:

- ✓ 1. "A record of tooth contact". We will supply V & H cards on which will be placed a picture of the desired pattern in the tester. This will help assemble the gears correctly.
- ✓ 2. The tooth to tooth spacing variation is now .0003 plus .0015 total.
- 3. Machining centers are approved.
- ✓ 4. Tolerances for tapped holes will be plus or minus .005.
- ✓ 5. Unspecified fillet radii and edge breaks to be .030 - .060.
- ✓ 6. Part number 164576 - bore diameter will be added to drawing.
- ✓ 7. Core hardness of RC 32-36 approved.
- ✓ 8. .0008 max. white layer approved.
- ✓ 9. Stress relieve at 975° - 1000° approved.
- ✓ 10. Tapped hole in shaft end, for draw bolt, approved, but they did not receive sketch to incorporate on prints.
- ✓ 11. Source inspection will be required but probably only on sample basis.

Morgan Construction Company.
Worcester, Mass.

Mr. T. P. Whittington

Under "Decreases"

1. Approved.
2. They don't recall removal of an undercut. Please check we should give this reduction.
3. Approved.

Under "Increases".

1. ✓ Normal finish of 32 RMS approved. (\$200.00 charge per set eliminated.)
2. ✓ Added washer slots and key way. The \$289.60 increase per set approved.)
3. ✓ Normal finish of 125 RMS in slots approved. (140.00 per set increase for 63 RMS eliminated.)
4. ✓ 32 RMS on web faces needed. Increase of 174.56 acceptable.
5. Balancing required on all gears. This was accepted by us on January 1, 1965. A charge of \$3000.00 for balancing arbors only approved.
6. Increase in material cost was approved in principal only. Final agreement was based on increase of material cost of \$100.00 per set.
7. Increase of 150.00 per set for shimming larger cutters approved.

The summary of the cost changes is as follows:

| <u>Increases</u> | |
|------------------|------------------|
| Item 2 | \$289.60 per set |
| Item 4 | \$174.56 per set |
| Item 5 | \$100.00 per set |
| Item 7 | \$150.00 per set |
| Total | <hr/> \$714.16 |

