

ORGANIZATION PART - WORKFORCE AND MACHINERY

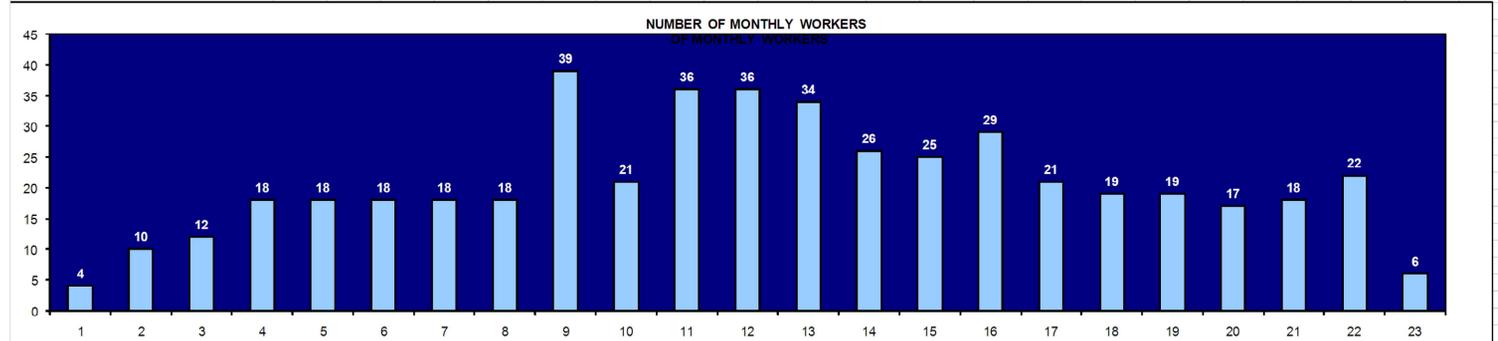
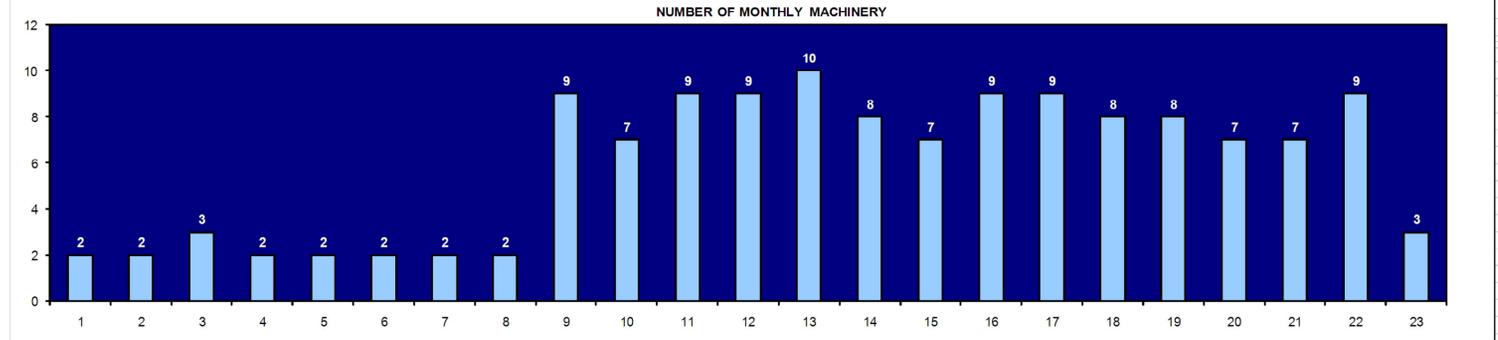
"FINAL THESIS WORK ABOUT A HOUSING BUILDING IN VILNIUS"

TABLE OF WORKERS AND MACHINERY ASSIGNED TO THE CONSTRUCTION

| MACHINERY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| PREVIOUS WORK | 2 | | | | | | | | | | | | | | | | | | | | | | |
| EARTHMOVING | | 1 | 1 | | | | | | | | | | | | | | | | | | | | |
| FOUNDATION | | 1 | 1 | | | | | | | | | | | | | | | | | | | | |
| STRUCTURE | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| FACADES | | | | | | | | | | | | | | | | | | | | | | | |
| COVERS | | | | | | | | | | | | | | | | | | | | | | | |
| MASONRY | | | | | | | | | | | | | | | | | | | | | | | |
| PLASTERBOARD PARTITIONS | | | | | | | | | | | | | | | | | | | | | | | |
| PAVEMENT | | | | | | | | | | | | | | | | | | | | | | | |
| TILING | | | | | | | | | | | | | | | | | | | | | | | |
| PAINTS | | | | | | | | | | | | | | | | | | | | | | | |
| CARPENTRY AND HARDWARE | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT AND FURNITURE | | | | | | | | | | | | | | | | | | | | | | | |
| ELECTRICAL INSTALLATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| WATER INSTALLATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| THERMO SYSTEMS | | | | | | | | | | | | | | | | | | | | | | | |
| SPECIALS INSTALLATIONS | | | | | | | | | | | | | | | | | | | | | | | |
| TESTING AND COMMISSIONING | | | | | | | | | | | | | | | | | | | | | | | |
| AUCTIONS AND FINAL CLEANING OF WORK | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MONTHLY MACHINERY | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 9 | 7 | 9 | 9 | 10 | 8 | 7 | 9 | 9 | 8 | 8 | 7 | 7 | 9 | 3 |

| WORKERS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-----------------------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| OFFICIAL CONSTRUCTION | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 8 | 4 | 6 | 6 | 6 | 4 | 3 | 4 | 4 | 3 | 3 | 2 | 1 | 2 | 2 |
| OFFICIAL FERRALL | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL FORMWORK | | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| OFFICIAL METAL | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL CARPENTER | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL LOCKSMITH | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL PAINTER | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL PLUMBER | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL ELECTRICITY | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL INSTALLER | | | | | | | | | | | | | | | | | | | | | | | |
| WORKER CONSTRUCTION | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 4 | 5 | 5 | 4 | 2 | 2 | 3 | 4 | 3 | 3 | 2 | 1 | 2 | 2 |
| WORKER FERRALL | | | | | | | | | | | | | | | | | | | | | | | |
| WORKER FORMWORK | | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| WORKER PLASTER | | | | | | | | | | | | | | | | | | | | | | | |
| WORKER METAL | | | | | | | | | | | | | | | | | | | | | | | |
| WORKER CARPENTER | | | | | | | | | | | | | | | | | | | | | | | |
| WORKER LOCKSMITH | | | | | | | | | | | | | | | | | | | | | | | |
| WORKER PAINTER | | | | | | | | | | | | | | | | | | | | | | | |
| HELPER PLUMBER | | | | | | | | | | | | | | | | | | | | | | | |
| HELPER ELECTRICITY | | | | | | | | | | | | | | | | | | | | | | | |
| HELPER INSTALLER | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL MONTHLY WORKERS | 4 | 10 | 12 | 18 | 18 | 18 | 18 | 18 | 39 | 21 | 36 | 36 | 34 | 26 | 25 | 29 | 21 | 19 | 19 | 17 | 18 | 22 | 6 |

| DESCRIPTION | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|---------------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| OFFICIALES | 2 | 6 | 7 | 12 | 12 | 12 | 12 | 12 | 23 | 11 | 21 | 21 | 20 | 16 | 15 | 17 | 11 | 10 | 10 | 9 | 10 | 12 | 3 |
| WORKERS | 2 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 13 | 7 | 12 | 12 | 10 | 6 | 7 | 5 | 4 | 4 | 3 | 3 | 4 | 2 | 2 |
| HELPER | | | | | | | | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 1 |
| TOTAL MONTHLY | 4 | 10 | 12 | 18 | 18 | 18 | 18 | 18 | 39 | 21 | 36 | 36 | 34 | 26 | 25 | 29 | 21 | 19 | 19 | 17 | 18 | 22 | 6 |



"FINAL THESIS WORK ABOUT A HOUSING BUILDING IN VILNIUS"

TEAMS COMPOSITION

| PREVIOUS WORK | EARTHMOVING | FOUNDATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|---------------------------|---------------------------------------|--------|-------|-------------------|---|---|---|---|---------------------|---|---|---|---|-----------|-----------------------------------|----------|---------------------------------------|---|--|-----------------------------------|----------|---------------------------------------|--------|---|--------------|----------|--------|--------|-------|---------------------|---|---|---|---|-----------|-----------------------------------|----------|---------------------------------------|---|--|-----------------------------------|----------|---------------------------------------|--------|---|-----------------------------------|----------|---------------------------------------|--------|--|---------------------|----------|--------|--------|-------|-------------|-----------------------------------|----------|---------------------------------------|---|---------------------|-----------------------------------|----------|---------------------------------------|---|------------|--|--|--|---|----------------|--|--|--|---|----------|-----------------------------------|----------|---------------------------------------|--|
| <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Maquinista</td><td></td><td></td><td></td><td>2</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>3</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Maquinista | | | | 2 | 2 | TOTAL PRODUCTIVE OPERATORS | 3 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>2</td><td>1</td><td>2</td><td>5</td></tr> <tr><td>Excavador</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Ferrallista</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>Maquinista</td><td></td><td></td><td></td><td>2</td></tr> <tr><td>Crane operator</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>8</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>3</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 2 | 1 | 2 | 5 | Excavador | 1 | 1 | 2 | 4 | Ferrallista | 2 | 1 | 3 | 6 | Atendente / Foreman | | | | 1 | Maquinista | | | | 2 | Crane operator | | | | 1 | 8 | TOTAL PRODUCTIVE OPERATORS | 3 | TOTAL NOT PRODUCTIVE OPERATORS | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maquinista | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 3 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 2 | 1 | 2 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Excavador | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ferrallista | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maquinista | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane operator | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | TOTAL PRODUCTIVE OPERATORS | 3 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STRUCTURE | FACADES | MASONRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>Roofing</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>Repar</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>2</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 2 | 1 | 3 | 6 | Roofing | 2 | 1 | 3 | 6 | Repar | 2 | 1 | 3 | 6 | 2 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Metal</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>4</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>2</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Metal | 1 | 1 | 2 | 4 | 4 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Plasterer</td><td>2</td><td>1</td><td>3</td><td>5</td></tr> <tr><td>5</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>2</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Plasterer | 2 | 1 | 3 | 5 | 5 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roofing | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Repar | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metal | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plasterer | 2 | 1 | 3 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COVERS | PLASTERBOARD PARTITIONS | PAVEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Crane operator</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>2</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Crane operator | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Crane operator</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>1</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Crane operator | | | | 1 | 1 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane operator | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 2 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crane operator | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TILING | CARPENTRY AND HARDWARE | PAINTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Locksmith</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>Carpenter</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Locksmith | 2 | 1 | 3 | 6 | Carpenter | 2 | 1 | 3 | 6 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Locksmith</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>Carpenter</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>7</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Locksmith | 2 | 1 | 3 | 6 | Carpenter | 2 | 1 | 3 | 6 | 7 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Painter</td><td>2</td><td>1</td><td>3</td><td>6</td></tr> <tr><td>3</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Painter | 2 | 1 | 3 | 6 | 3 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locksmith | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carpenter | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Locksmith | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carpenter | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Painter | 2 | 1 | 3 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT AND FURNITURE | AUCTIONS AND FINAL CLEANING OF WORK | TESTING AND COMMISSIONING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Construction</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Construction | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ELECTRICAL INSTALLATIONS | WATER INSTALLATIONS | THERMO SYSTEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Electricity</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Electricity | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Plumber</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Plumber | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Installer</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Installer | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electricity | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plumber | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Installer | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEALTH AND SAFETY | WASTE MANAGEMENT | QUALITY CONTROL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Health and Safety</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>4</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Health and Safety | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 4 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Waste</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>1</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Waste | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 1 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | <table border="1"> <tr><th>Activity</th><th>Official</th><th>Worker</th><th>Helper</th><th>Total</th></tr> <tr><td>Quality</td><td>1</td><td>1</td><td>2</td><td>4</td></tr> <tr><td>Atendente / Foreman</td><td></td><td></td><td></td><td>1</td></tr> <tr><td>1</td><td>TOTAL PRODUCTIVE OPERATORS</td><td>1</td><td>TOTAL NOT PRODUCTIVE OPERATORS</td><td></td></tr> </table> | Activity | Official | Worker | Helper | Total | Quality | 1 | 1 | 2 | 4 | Atendente / Foreman | | | | 1 | 1 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Health and Safety | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Waste | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Official | Worker | Helper | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quality | 1 | 1 | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atendente / Foreman | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | TOTAL PRODUCTIVE OPERATORS | 1 | TOTAL NOT PRODUCTIVE OPERATORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Name and surname | Signature | Date | VILNIUS GEDIMINAS TECHNICAL UNIVERSITY | |
|--|----------------------|-------|---|------|
| Student | Vladas Čeršas | -2011 | Construction design of the multistorey dwelling-house at Rygos str. 11 in Vilnius | |
| Supervisor | Jonas Separevičius | -2011 | | |
| Consultant | Ramūnas Šalis | -2011 | | |
| Head of Department | Edmundas Radzevičius | -2011 | | |
| Reviewer | Zilvinas Zavadskas | -2011 | | |
| | | | Page | Page |
| | | | 7 | 7 |
| ORGANIZATION PART WORKFORCE AND MACHINERY | | | Department of Construction Technology and Management | |