

C6 Vacuum pump seal water

GILES CHEMICAL ~ PREMIER MAGNESIA

Company Form

Title: Daily Duties Checklist Number: P12-FM-100-021

Owner: Kenneth Basehore Revision: 3
Effective Date: 08/08/2018 Page: 1 of 11



| Shift: □A | \Box B \Box C \Box D | | | | | | | |
|--------------|----------------------------|-----------------------|---------------|-------------|-------------|---------|--|--|
| Date: D / N | | | | | | | | |
| Perfo | rmed by: | | <u></u> | | | | | |
| | Item | 7:00 – 9:00 | 10:00 - 12:00 | 2:00 - 4:00 | 5:00 - 7:00 | Comment | | |
| | C1 Vacuum pump seal water | □Correct □Not correct | n/a | n/a | n/a | | | |
| | C2 Vacuum pump seal water | □Correct □Not correct | n/a | n/a | n/a | | | |
| Roof Level | C3 Vacuum pump seal water | □Correct □Not correct | n/a | n/a | n/a | | | |
| Roof | C4 Vacuum pump seal water | □Correct □Not correct | n/a | n/a | n/a | | | |
| | C5 Vacuum pump seal water | □Correct □Not correct | n/a | n/a | n/a | | | |

n/a

□ Correct

 \square Not correct

n/a

n/a



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|-----------------------|---------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------|
| | C1 Vacuum gage | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | □Washed □Not washed | ☐Washed ☐Not washed | |
| Third Mezzanine Level | C1 Large vapor pipe | □Clear □Not clear | n/a | n/a | n/a | |
| | C1 Levels | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | |
| | C2 Vacuum gage | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | ☐Washed ☐Not washed | |
| | C2 Large vapor pipe | □Clear □Not clear | n/a | n/a | n/a | |
| Third Me | C2 Levels | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | |
| | C3 Vacuum gage | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | □ Washed □ Not washed | ☐Washed ☐Not washed | |
| | C3 Large vapor pipe | □Clear □Not clear | n/a | n/a | n/a | |
| | C3 Levels | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | |



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|-----------------------|---------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------|
| | C4 Vacuum gage | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | □Washed □Not washed | |
| Third Mezzanine Level | C4 Large vapor pipe | □Clear □Not clear | n/a | n/a | n/a | |
| | C4 Levels | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | |
| | C5 Vacuum gage | ☐ Washed ☐ Not washed | |
| | C5 Large vapor pipe | □Clear □Not clear | n/a | n/a | n/a | |
| Third Me | C5 Levels | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | |
| | C6 Vacuum gage | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | □Washed □Not washed | |
| | C6 Large vapor pipe | □Clear □Not clear | n/a | n/a | n/a | |
| | C6 Levels | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | Setpoint: DCS: Physical: | |



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|------------------|-----------------|----------------------|---------------|-----------|-------------|---------|
| | C1 3" Vent Line | □Clear □Not clear | n/a | n/a | n/a | |
| Level | C2 3" Vent Line | □Clear □Not clear | n/a | n/a | n/a | |
| zanine I | C3 3" Vent Line | □Clear □Not clear | n/a | n/a | n/a | |
| Second Mezzanine | C4 3" Vent Line | □Clear □Not clear | n/a | n/a | n/a | |
| Seco | C5 3" Vent Line | □Clear □Not clear | n/a | n/a | n/a | |
| | C6 3" Vent Line | □Clear □Not clear | n/a | n/a | n/a | |



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| | Item | 7:00 – 9:00 | 10:00-12:00 | 2:00-4:00 | 5:00 - 7:00 | Comment |
|------------------------|---------------------|--------------------------|-----------------------|-----------------------|-----------------------|---------|
| | D1 Mix pot line | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | |
| | D2 Mix pot line | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | |
| 1 | D3 Mix pot line | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | |
| ne Leve | D1 Secondary mixer | □Running □Not running | □Running □Not running | □Running □Not running | □Running □Not running | |
| Aezzani | Mix pot MgO screw | □Powder □No powder | □Powder □No powder | □Powder □No powder | □Powder □No powder | |
| Second Mezzanine Level | D4 pH | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| S | D4 Specific gravity | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| | D4 Mix pot line | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | |
| | D1 pH | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |



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| | Item | 7:00 – 9:00 | 10:00 - 12:00 | 2:00 - 4:00 | 5:00 - 7:00 | Comment |
|------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------|
| | D1 Specific gravity | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| | D3 pH | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| 1 | D3 Specific gravity | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| ne Leve | D2 pH | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| Second Mezzanine Level | D2 Specific gravity | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| econd l | D3 Secondary mixer | □Running □Not running | □Running □Not running | □Running □Not running | □Running □Not running | |
| S | D2 Secondary mixer | □Running □Not running | □Running □Not running | □Running □Not running | □Running □Not running | |
| | Mud tank 1 mixer | □Running □Not running | □Running □Not running | □Running □Not running | □Running □Not running | |
| | Mud tank 2 mixer | □Running □Not running | □Running □Not running | □Running □Not running | □Running □Not running | |



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| | Item | 7:00 – 9:00 | 10:00-12:00 | 2:00-4:00 | 5:00 - 7:00 | Comment |
|--------------|-------------------|--------------------------|--------------------|--------------------|--------------------|---------|
| ınine Level | C1 Fine salt loop | □Running □Not running | n/a | n/a | n/a | |
| | C1 Density loop | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | |
| | C2 Fine salt loop | □Running □Not running | n/a | n/a | n/a | |
| st Mezzanine | C2 Density loop | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | |
| First | C3 Fine salt loop | □Running □Not running | n/a | n/a | n/a | |
| | C3 Density loop | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | □Clear □Clogged | |



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| | Item | 7:00 – 9:00 | 10:00-12:00 | 2:00-4:00 | 5:00 - 7:00 | Comment |
|-----------------|-------------------|--------------------------|-----------------------|-----------------------|-----------------------|---------|
| Level | C4 Fine salt loop | □Running □Not running | n/a | n/a | n/a | |
| | C4 Level probe | ☐Washed ☐Not washed | ☐Washed ☐Not washed | ☐Washed ☐Not washed | ☐Washed ☐Not washed | |
| | C5 Fine salt loop | □Running □Not running | n/a | n/a | n/a | |
| First Mezzanine | C5 Level probe | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | |
| | C6 Fine salt loop | □Running □Not running | n/a | n/a | n/a | |
| | C6 Level probe | ☐Washed ☐Not washed | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | ☐ Washed ☐ Not washed | |



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| | Item | 7:00 – 9:00 | 10:00-12:00 | 2:00 - 4:00 | 5:00 - 7:00 | Comment |
|--------------|----------------|--------------------------|---------------------|---------------------|---------------------|---------|
| | C1 Level probe | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | ☐Washed ☐Not washed | |
| | C1 Brine feed | □ > 35 gpm □ < 35 gpm | n/a | n/a | n/a | |
| | C2 Level probe | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | |
| | C2 Brine feed | □ > 35 gpm □ < 35 gpm | n/a | n/a | n/a | |
| l Level | C3 Level probe | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | |
| Ground Level | C3 Brine feed | □ > 35 gpm □ < 35 gpm | n/a | n/a | n/a | |
| | C4 Level probe | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | □Washed □Not washed | |
| | C4 Brine feed | □ > 35 gpm □ < 35 gpm | n/a | n/a | n/a | |
| | C5 Level probe | ☐Washed ☐Not washed | ☐Washed ☐Not washed | ☐Washed ☐Not washed | ☐Washed ☐Not washed | |
| | C5 Brine feed | □ > 35 gpm □ < 35 gpm | n/a | n/a | n/a | |



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| | Item | 7:00 – 9:00 | 10:00 - 12:00 | 2:00 - 4:00 | 5:00 - 7:00 | Comment |
|-----------|------------------------|--------------------------|----------------------|----------------------|-----------------------|---------|
| Level | C6 Level probe | ☐ Washed ☐ Not washed | ☐Washed ☐Not washed | ☐Washed ☐Not washed | ☐ Washed ☐ Not washed | |
| | C6 Brine feed | □ > 35 gpm □ < 35 gpm | n/a | n/a | n/a | |
| | Mud pH | DCS: Actual: | DCS: Actual: | DCS: Actual: | DCS: Actual: | |
| Ground Le | Mud specific gravity | Actual: | Actual: | Actual: | Actual: | |
| Gre | Brine pH | Actual: | Actual: | Actual: | Actual: | |
| | Brine specific gravity | Actual: | Actual: | Actual: | Actual: | |
| | Brine color | □Clear □Not clear | □Clear □Not clear | □Clear □Not clear | □Clear □Not clear | |



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| | Item | 7:00 – 9:00 | 10:00-12:00 | 2:00 - 4:00 | 5:00 - 7:00 | Comment |
|--------------|--|-------------------------|-------------|-------------|-------------------------|---------|
| Level | Forklift Checklist | □Complete □Not complete | n/a | n/a | n/a | |
| | Chiller | □In alarm □Not in alarm | n/a | n/a | n/a | |
| | Water recovery pot (days only) | ☐Cleaned ☐Not cleaned | n/a | n/a | n/a | |
| | Dehumidifier | □Running □Not running | n/a | n/a | n/a | |
| Ground Level | Bagger knife | □Changed □Not changed | n/a | n/a | n/a | |
| | Bagger jaw tape | □Changed □Not changed | n/a | n/a | n/a | |
| | Bagger platen tape | □Changed □Not changed | n/a | n/a | n/a | |
| | Verify the 50# scale with a 50# weight | n/a | n/a | n/a | □Verified □Not verified | |