Charter Template

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| **Project Title: LP NAG Reliability Improvement.**   |  | | --- | | **Business Case/Objectives:**  SOKU LP NAG compressor has been faced with some reliability issues after 8K inspection carried out by OEM in February 2019. This ultimately dropped the availability from about a monthly average of 93% in 2018 to monthly average of about 84% in current year 2019. This drop is attributed to prolonged shutdown during 8K inspection in February and planned IAP-ST shutdown on May 4th and trips due to some faulty transmitters. This initiative is to drive replacement of these faulty transmitters which are also obsolete. These transmitters have from historical records shown some high level of unreliability, causing incessant trips of the unit and as such have contributed to our inability to achieve LP NAG designed 95% equipment availability.  The objective of this initiative is to identify and proactively manage transmitters obsolescence challenges that have contributed to our inability to achieving 95% equipment reliability and availability which will ultimately help us to achieve our business target of producing 250mmscf/day and circa 5000 barrels of condensates/day all year round.  The overall success and achievement of this improvement plan is hinged on the effort of all the stakeholders ( PUM, Team leaders) supporting the initiative and rendering support where needed in actualizing set objectives. | | |  |  |  | | --- | --- | --- | | Potential Benefits & Measurement:   1. Eliminate incessant trips due to faulty transmitters. 2. Increased FCF by additional 30Mmscfd 3. Increase availability currently at 84% to 95%. 4. Reduce increase in CM/PM ratio. 5. able to meet the production target of the PU | Project Scope/Actions:  **Phase 1:**   1. Collate data on all transmitters on the unit:Start Date 08.07.2019 End date 13.07.2019 Action Party: Olawore Abiodun 2. Identify all obsolete transmitters with reliability issues on the unit: Start date 08.07.2019 End date 15.07.2019 Action Party: Olawore Abiodun & Njoku H 3. Raise work request and place transmitters on RUSH order: 4. Start date 15.07.2019 End date 20.07.2019 Action Party: Oluseye /Gloria 5. Replace two top contributors to trips with transmitters on delivered PO 4510412301 Latest Execution Date:31st July,2019. 6. Implement replacement action on the unit with newly ordered transmitters. Start date 01.12.2019 End date 20.12.2019 Action Party: Olawore Abiodun/Adesina Lukmon   **Phase 2**   * Lookback and sustainable actions: * Start date Q1 2020 End date Q2 2020   Action Party:PACO supervisor | Critical Success Factors:   * Achieve 95% availability * Reduced CM/PM ratio * Meet daily production target of the PU | |      |  |  |  | | --- | --- | --- | | **High-level Timeline:**  L1: 13.07.2019  L2: 17.07.2019  L3: 20.07.2019  L4: 20.12.2019 | **Summary:** **LP NAG of the Soku gas plant has been plagued with some levels of reliability issues due to unreliable performances from some of the transmitters that have become obsolete which are installed within the unit. These transmitters have from historical records shown some high level of unreliability, causing incessant trips of the unit and are such have contributed to our inability to achieving LP NAG 1target 95% equipment availability** | Project Sponsor:  Implementation Lead: MTC team lead  Project Team: PACO team | |