## **Author:** Maj: Start date: Title: Do not cut electrical cables by mistake Actions **Expected result** Who Start/end OK/KO Action to be tested **Customer Impact: Background:** Over the next 30 days, crews will only be able to carry out 90% of To be able to train people in Cutting 6kV power cable their usual work. the best practice known to the mistaken for HDPE pipe **Impact Enterprise:** Create a standard for pipe cutting team for cutting a tap water **Team** S24 3 S24 during excavations pipe safely with minimum 100% of "leak" interventions will be handled by one team instead of waste. **Human impact:** 3 electrical cable cuts in 5 Thierry had a near-death experience. Will work on a modified shift for years Societal/Environmental impact : Purchase of an electric cable Everyone has a tool for None detector: GARRET pointer II. Team identifying the presence of One for each person carrying out **S24** S26 manager metal in a pipe. excavations or pipe work, i.e. 8 in Process or work standard #2 #3 #4 The energy supplier The agent consults the indicates the presence of The agent carries out the The agent uncovers a DICT and his OPI and an electrical cable in the searches. "pipe" oozing water. prepares his worksite. DICT. Each person is trained in the The team's best practice known to the Workstation training on standard most team for safely cutting a tap **S28** S27 pipe cutting in excavation competent water pipe with minimum operator on The agent cuts the Update up to the meter waste. the "pipe", generating an or connection. Consult standard electricarc the survey plan. Results OK/KO? Causal hypothesis How can the hypothesis be validated? + Observations Number of people Existence of a cutting Number of people trained in cutting equipped with cable work standard in open Ask Thierry how he went about identifying the leaking pipe: detectors ground standards "Moving it made the water meter move." Control method Why did the water meter move while the electric cable did? Because the unsuited to the two were stuck together on a section still buried underground. situation? Why this method? Because we rely on the plans and experience of people in the field, and because "it's always worked". > Lack of work standards and adapted tools < 26 Week number Week number Week number Acting on our practices / Lessons learned Informal or Ask the technicians. untaught control Set up a skill matrix for each person and identify the key competencies for each of them, based on their Training courses completed for all less than 6 months ago. method workstation. Initial training of new arrivals to team standards on key competencies Electrical hazard Periodic standard training (once a year) on key skills. Ask the technicians. training not done or Training courses completed for all less than 6 months ago. too far away? Ask about sleep, alcohol or drugs. Agent not in full He slept well the night before. He declares that he has not taken alcohol possession of his for at least 48 hours, nor drugs of any kind.

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