



TOGETHER
for a sustainable future

OCCASION

This publication has been made available to the public on the occasion of the 50th anniversary of the United Nations Industrial Development Organisation.



TOGETHER
for a sustainable future

DISCLAIMER

This document has been produced without formal United Nations editing. The designations employed and the presentation of the material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Industrial Development Organization (UNIDO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, or its economic system or degree of development. Designations such as “developed”, “industrialized” and “developing” are intended for statistical convenience and do not necessarily express a judgment about the stage reached by a particular country or area in the development process. Mention of firm names or commercial products does not constitute an endorsement by UNIDO.

FAIR USE POLICY

Any part of this publication may be quoted and referenced for educational and research purposes without additional permission from UNIDO. However, those who make use of quoting and referencing this publication are requested to follow the Fair Use Policy of giving due credit to UNIDO.

CONTACT

Please contact publications@unido.org for further information concerning UNIDO publications.

For more information about UNIDO, please visit us at www.unido.org



Program Development and Technical Cooperation Division United Nations Industrial Development Organization (UNIDO) Vienna

To: Mr Milan Demko
Project Manager

Project: Prva Iskra FIM; MP/ YUG/01/229 Contract No. 16000844

Subject: FINAL REPORT

Final report is presented in tabulated form and summarizing all activities that we have been involved and obliged to fulfill according to the contract Nr. 16000844 (2005/016).

Conditions for some works, scheduled to be carried out together with Cannon Viking, have not been created by the beneficiary of the project being Prva Iskra FIM.

Works to be done prior to installation of Cannon Viking equipment

	Activity/services	Responsibility	Deadline
1	Supply earthing rods and foundations for the pentane bulk store tank, as per specified Cannon design drawings	Prva Iskra Inzenjering	Done
2	Supply and fit the pipe work for the sprinkler systems around the Pentane storage tank (sprinklers/flame detectors supplied by Cannon)	Prva Iskra Inzenjering	Along with Cannon 29 June 2009
3	Insulate the pentane storage tank (jacket).	Prva Iskra Inzenjering	Done
4	Supply and fit a canopy over the Pentane storage tank	Prva Iskra Inzenjering	Done
5	Supply and fit pentane gas sensor brackets where designated	Prva Iskra Inzenjering + Cannon Viking	Along with Cannon 29 June 2009
6	Supply and fit support framework/foundations, for main fan assembly	Prva Iskra Inzenjering	Done
7	Supply and fit support framework/foundations, for saw area fan assembly	Prva Iskra Inzenjering	Done
8	Ventilation ducting from the main fan assembly to the enclosure and around the laydown area .	Prva Iskra Inzenjering	Done
9	Ventilation ducting from the saw fan assembly to the saw area enclosure	Prva Iskra Inzenjering	Done
10	Ventilation ducting from the enclosure area to the pentane-metering unit	Prva Iskra Inzenjering	Done

11	Supply and fit brackets for ducting, from the enclosure area to the pentane-metering unit	Prva Iskra Inzenjering	Done
12	Any redundant electrical devices are to be permanently de-activated from the immediate production area	Prva Iskra Inzenjering	Done
13	Any unclassified electrical devices in close proximity to the Pentane Bulk Store area, laydown enclosure, pentane metering unit, slat conveyor or saw area, such as heaters must be removed or permanently de-activated	Prva Iskra Inzenjering	Done
14	Supply nitrogen bottles for air purging of the pentane tank and pipe work	Prva Iskra Inzenjering	Done
15	Trenches or pits in any of the ventilated areas to be filled with sand in order to avoid deposits of pentane gas	Prva Iskra Inzenjering	Done
16	Install dry air supply lines 5.5-6.0 Bar supply pressure. To be installed at designated places		Done Already existing
17	Supply and fit a hot air blower unit for the preheat section with a thermostatically controlled sensor to control the hot air blower, should the temperature rise excessively (Cannon provide specification).	Prva Iskra Inzenjering	Sensors to be installed by Cannon

8. II. Works to be done locally just before Cannon guided installation works or in parallel with installation works or in addition to Cannon Viking supply in order to ensure smooth commissioning, production start-up trial and safety certification.

	Activity/services	Responsibility	Deadline
1	Supply a coded welder for the pentane pipe work	Prva Iskra Inzenjering	Done
2	Supply and fit the pentane pipe work from the pentane bulk store tank to the pentane-metering unit. Drawings and schemes supplied by Cannon	Prva Iskra Inzenjering	Done
3	A suitable responsible electrician with authority to operate in the factory	Prva Iskra Inzenjering	Done
4	Supply and fit power cables to the Cannon control panels.	Prva Iskra Inzenjering	Done (no el. power ensured by beneficiary)
5	Supply and fit a circuit breaker or contactor to enable a signal from the safety control panel to the main panel	Prva Iskra Inzenjering + Cannon Viking	Along with Cannon 29 June 2009
6	Supply and fit all cabling from the safety control panel to the gas sensors	Prva Iskra Inzenjering + Cannon Viking	Along with Cannon 29 June 2009
7	Position and connect cables to the Cannon control panels	Prva Iskra Inzenjering	Done
8	Supply a pipe fitter to run High pressure Polyol and MDI pipe work. High pressure pipe work and fittings supplied by Cannon	Prva Iskra Inzenjering	Done
9	Supply and install the Low pressure feed and return lines for the Polyol and MDI day tank to the appropriate run tanks	Prva Iskra Inzenjering	Along with Cannon 29 June 2009
10	Supply and fit the enclosure around the laydown area	Prva Iskra Inzenjering	Along with Cannon 29 June 2009
11	Supply and fit support brackets for all pipe work where required	Prva Iskra Inzenjering	Done
12	Supply labour to assist with the installation of the traverse	Prva Iskra Inzenjering	Done

Prva Iskra Inzenjering
Project manager
Bojan Stanacevic

