

Declaration of Conformity

Manufacturer's Name: ORPAK INDUSTRIES (1983) Ltd.

Manufacturer's Address: 31 Lechi St. P.O. Box 1461
Bnei - Brak 51114, Israel

Declares that the system: "FUELOMAT", system including:

<i>Product Name:</i>	<i>Part. Number(s):</i>
VIT	800909000
AXIAL BARRIER	808012500
BARRIER4	808011200
VIRO RECEIVER	8008xxxxxx
VIU45	800904800
VIU3/VIU3S	800903600
VIU35/VIU35NT	800903800/800903801

Has been reviewed and found (see attached check list) to be Comply (no hazard) with the standard:

BS 6656: 1991

Guide to Prevention of inadvertent ignition atmospheres by radio-frequency radiation

Supplementary information:

"The system complies with EECS (BASEEFA) requirements according OIML standard to receive the approval for W&M.

Place: Bnei-Brak, Israel

Signature: _____

Date: 2 November, 1999

Name: Gideon Segal

Updated on: 15/12/04 (Add VIU35 to the list)

European contact:

GETPAK SYSTEMS
1100 DG AMSTERDAM Z.O.
THE NETHERLANDS

Check List Rev. B

Clause No.	Description	How compliance
8	Methods of assessment	
8.1	General	Clause 8.2 to 8.5
Figure 2	Assessment procedure flow chart	Clause 8.3 Assessment of the risk from a particular transmitter
8.1 following cases: 2	For existing plant and a proposed transmitter	NH
8.2	Basis of the theoretical assessments	Theoretical assessments (b) Table 4,5 or 6
8.3	Initial assessment of the risk from a particular transmitter site.	
Table 4	Radii of vulnerable zones	
Table 4	Serial No. 1 ; $f < 150\text{kHz}$ $P = 200\text{Kw}$ FSK	N/A Because: $P \ll \ll \ll 200\text{KW}$
Table 4	Serial No. 25 ; $f = 27\text{MHz}$ $P = 4\text{W}$	N/H, (The power is closest)
VIT COIL PARAMETERS	$f = 120\text{Khz}$ FSK $V_p = 13.5\text{v}$ (MAX) $I_{\text{fuse}} = 1/16\text{A}$	$\text{Prms} = (V_p/1.414) * I_{\text{fuse}}$ (MAX) $\text{Prms} = 0.6\text{W}$ (MAX)
VIU COIL PARAMETERS	$f = 40\text{khz}$ FSK $V_p = 5\text{v}$ (MAX) $I_{\text{fuse}} = 1/16\text{A}$ (MAX)	$\text{Prms} = (V_p/1.414) * I_{\text{fuse}}$ (MAX) $\text{Prms} = 0.221\text{W}$ (MAX)
8.3 Figure 1	Typical loop-type structures	N/A
8.3 Appendix B Table 14	Subdivision of group II flammable gases and vapours	IIB
8.3 Table 5	Radii of vulnerable zones for small structures at frequencies less then 30 MHz	Serial No. 1 ; $f < 150\text{kHz}$ = NH
8.4	Initial assessment for a particular plant	N/A
8.5	Full assessment procedure	N/A (Not required)
MOREOVER:		
10.2	"If any mobile transmitter has an output power less than the threshold power of the gas or vapour concerned (see clause 6), it is considered that there is no r.f. Ignition hazard."	No r.f. Ignition hazard
6	Ignition of flammable atmospheres	
6.3	Criteria for ignition	
6.3.2 Table 2	Radio-frequency power threshold for structures excluding cranes	N/H ; $P \ll 4\text{W}$ averaged
Final conclusion	NO HAZARD	N/H

