

## HazMat Loader Green (HMLG) Mainframe

HazMat Loader Green (HMLG) brings to the 'green screen' environment the power, accuracy, currency, and ease of use found in its acclaimed PC based sibling. HMLG makes it easy to comply with the US Department of Transportation (US DOT) Hazardous Material Regulations (HMR) for the highway transportation of hazardous materials. The callable routines are embedded in your existing business process software providing a seamless information flow. HMLG can be included with billing systems, close-out systems or even cross-dock systems. Anywhere you need to know how to placard, segregate, or trailer mark hazardous material shipments. All input and output is text based, no graphical images or graphical user interfaces are utilized.

HMLG provides the perfect solution for trucking companies of all sizes, looking to gain greater operational efficiency, reduce compliance upsets, reduce compliance costs, and reduce compliance risks. The mainframe version of the RegScan software allows IT departments to bring compliance checking right to the billing function, instead of relying on a manual review at trailer close-out. Detection of errors sooner and identifying segregations issues before loading the trailer can produce the following benefits:

- Minimizes freight damage while sitting on the dock
- Eliminates the need to load and unload trailers due to segregation issues
- Identifies potential errors and missing information sooner
- Gets trailers on the road faster
- Reduces risk of HMR fines when doing 'city runs'
- Reduces the need for costly manual checks and cross-checks for placards & markings
- Provides clear details for dock workers

### **Product description:**

HMLG is written in ANSI C with CICS stubs on the OS390 / Z/OS platform and without CICS stubs on the AS400 platform. A user-written calling program is

required to handle all functions related to building a load and passing that information via an IO buffer based communications method to HMLG. All communications that occur between HMLG and the calling system take place through the IO Buffer. That buffer will accept a maximum of 200 hazardous materials (UN / NA numbers) for evaluation on any truckload (Type 1 input record). The results of each evaluation are returned as a series of 5 output records:

- Type 2 – Segregation
- Type 3 – Trailer Markings
- Type 4 – Required Placards
- Type 5 – Alternative Allowed Placards
- Type 6 – Errors

The type 5 Alternative Allowed Placards indicate when optionally allowed placards can be utilized for a load. For example, the addition of a non-flammable gas placard in addition to a required flammable gas placard when both a flammable and non-flammable gas are included on the same load.

### **Deliverables:**

- HMLG is provided in binary format, with no source code
- Detailed IO specifications
- Examples of COBOL calling programs
- Message listing and return codes
- COBOL Copybook of messages
- OS390 with CICS Stubs
- Z/OS with CICS stubs
- AS400 V5 (V4R5 M0 available on special order)

### **Platforms Supported:**

- IBM AS400 as a .SAVF
- IBM Mainframe running OS390 V2.10 or Z/OS 1.4 both with CICS

For more information on HazMat Loader Green, please email [info@regscan.com](mailto:info@regscan.com).