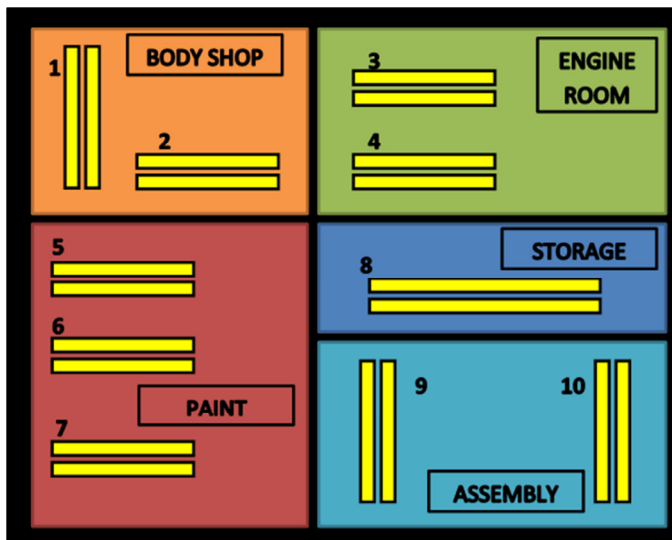


## Frequency Mapping

### Introduction

Frequency mapping is necessary in environments where many different radios are used. Mapping ensures that different radios do not interfere with each other. This is important in preventing accidental startups which can be very dangerous. To prevent radio interference each radio is calibrated to a certain frequency. Please see the example below for a manufacturing plant that is using radio remote controls for 10 different pieces of equipment.

### Example



Floor Plan of Facility

<u>Equipment #</u>	<u>Channel</u>	<u>Frequency</u>
1	1	439.8 MHz
2	2	439.6 MHz
3	4	439.2 MHz
4	5	439.0 MHz
5	7	438.6 MHz
6	8	438.4 MHz
7	9	438.2 MHz
8	11	437.8 MHz
9	13	437.4 MHz
10	14	437.2 MHz

The actual frequency for each channel on your radio can be found in the manual. Best practice is to use channels spread evenly throughout the entire radio frequency spectrum. A larger interval should be provided between radio frequencies operating in different rooms. The schedule at on the right is important to keep on file. It can be used for purchasing new radios and to record the currently used radio frequencies.

Please feel free to contact us with any questions or comments:

E-mail: [info@hoistandcraneremotes.com](mailto:info@hoistandcraneremotes.com)

Phone: 866-755-0816