

## Industry Tip

### Missing Validation Rule for 'Compressor Rating (kW)' and 'NOx Emission Rating (g/kWh)' in the Facility Licence Application





Date	Module/Application/Functionality	Notes
June 15, 2022	Facility Licence Application	


#### Background

When industry users apply for a new *Facility Licence* or to amend an existing *Facility Site* which contains a Natural Gas Compressor, the application requires values for *Compressor Rating (kW)* and the corresponding *NOx Emission Rating (g/kWh)*.

Currently, there is a missing validation to prevent users from providing *Compressor Rating (kW)* and *NOx Emission Rating (g/kWh)* values which contain more than two (2) digits after the decimal place. If more than two (2) digits after the decimal place are present in these fields, the Ministry cannot process the licence application due to a technical issue. This issue persists for all three compressor designation types: *Natural Gas*, *Electric*, and *Other*. For example:

Natural Gas Compressors

Compressor Driver Power Source	Compressor Rating (kW)	NOx Emission Rating (g/kWh)
1 Natural Gas	123.456 	12.345 
2 Electric	123.456 	12.345 

 Add a Natural Gas Compressor

**Summary**

Total Compressors	Natural Gas	Electric	Other
02	01	01	00

Total Compressor Rating Wattage (kW)

246.912

A fix to limit the number of digits after the decimal place to two (2) for these fields is scheduled for IRIS 9.3 Release in August 2022.

#### Process

Until IRIS 9.3 release in August 2022, ER advises all users to provide *Compressor Rating (kW)* and *NOx Emission Rating (g/kWh)* values with a **maximum of two (2) digits** after the decimal place in order to avoid delays in the approval process. For example:

Natural Gas Compressors

	Compressor Driver Power Source	Compressor Rating (kW)	NOx Emission Rating (g/kWh)
1	Natural Gas	123.45 ✓	12.34 ✓
2	Electric	123.45 ✓	12.34 ✓

➕ Add a Natural Gas Compressor

Summary

Total Compressors	Natural Gas	Electric	Other
02	01	01	00

Total Compressor Rating Wattage (kW)
246.9

**Questions?** ER Service Desk Phone: 1-855-219-9373 Email: [ER.Servicedesk@gov.sk.ca](mailto:ER.Servicedesk@gov.sk.ca)