

# Natural gas for transportation (NGT) facility upgrade incentive program



## Form 3: Facility upgrade assessment work and cost summary

**THE CONTENTS SET OUT IN THIS FORM ARE DRAFT ONLY AND ARE SUBJECT TO CHANGE**

This form will be filled out twice

**After the facility feasibility assessment (before the applicant start on the feasibility upgrade project), complete the following sections:**

- Part 1
- Part 2 (by the engineering firm)
- Part 3 (by the engineering firm)
- Part 4 (by the engineering firm): "Estimated Cost"
- Part 5 (by the engineering firm)

**After the feasibility upgrade project is completed, complete the following sections:**

- Part 4 (by the engineering firm): "Actual Cost", "Invoice No."
- Attach five photos of the upgraded facility with this form.

### Part 1 – Applicant information

Company name

### Part 2 – Engineering firm information

Company name	Report reference number	Report date (Yr/Mth/Day)
Engineer who carried out feasibility assessment	APEGBC registration number	

### Part 3 – Facility information

Facility address	Town/city	Province	Postal code
Project type <input type="checkbox"/> Existing facility upgrade <input type="checkbox"/> New facility		Number of service bays to be converted/built for CNG/LNG major repair	
Total number of service bays (include CNG/LNG major repair and others)		Is a fire detection system installed? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Facility area (M <sup>2</sup> ) used for CNG/LNG repairs (exclude main office/administration area)		Is gas detection system required? <input type="checkbox"/> Yes <input type="checkbox"/> No	

### Part 4 – Facility upgrade work detail and cost summary

**Before proceeding with the facility upgrade project:**

- Fill in the "estimated costs" as stated from the Facility Upgrade Feasibility Assessment report
- Include upgrade cost estimates for CNG/LNG major repair bays only.
- For new facilities only provide incremental cost for upgrading the facility to serve CNG/LNG vehicles
- Costs in \$CDN and includes design, supply, installation and handover
- Cost accuracy of +/-25% is required for the feasibility assessment

**After the Facility Upgrade project is completed:**

- Fill in "actual costs" based on the final invoices
- Scan, number and attach copies of the invoices
- Fill in the invoice numbers associated with each work in "Invoice No."

#### A. Work being covered in the maintenance facility upgrade incentive program

Reimbursement	Scope	Work	Estimated cost (\$)	Actual cost (\$)	Invoice number
100%	Detail design engineering cost	Safety plan preparation to be submitted with operating permit application			
		Detail design engineering			
		<b>Subtotal</b>			
50%	Ventilation and heating system	Supply and install			
		CNG/LNG emergency exhaust venting system			
		Fresh air supply louvers/door openers			
		Heating upgrade cost			
		<b>Subtotal</b>			
50%	Gas detection, control and emergency warning system	Supply and install, commissioning, training			
		Gas detection monitors			
		Gas detection control panels			
		Warning strobe lights, horns, call buttons			
		<b>Subtotal</b>			

50%	Safety tools	Procurement of portable gas detectors			
		Procurement of classified trouble lights			
		Subtotal			
50%	Inspections complete	Building permit			
		Gas permit			
		Electrical permit			
		BCSA operating permit			
		Subtotal			
50%	Vehicle tank vent system (CNG/LNG)	Design and design registration			
		Supply and install commissioning			
		Subtotal			
Total cost					

Provide reason if any of the above upgrade is not performed.

#### B. Work not eligible for FortisBC facility upgrade incentive funding

Reimbursement	Scope	Work	Estimated cost	Actual cost	Invoice number
N/A	Project management cost				N/A
N/A	Personnel training and emergency response plan development	Number of people trained:		Number of people trained:	N/A
		Training costs that include: - OEM training - CNG/LNG conversion training - BCSA certification - ERP development costs - ERP training			N/A
N/A	Power supply upgrades	Upgrade transformers			N/A
		Upgrade switchgear			N/A
N/A	Building alteration cost required for CNG/LNG upgrade	Supply and install			N/A
		Partition walls hot work area			N/A
		Upgrade doors with self-closing fire rated doors			N/A
N/A	Building alterations other than for CNG/LNG upgrade	Supply and install			N/A
N/A	Other work performed required for CNG/LNG upgrade not covered in the above item	Fire extinguisher upgrade			N/A
		Fire detection upgrade			
		Other works			
Total					N/A

#### Part 5 – Engineer's recommendations and comments

Engineer's recommendation on suitability to upgrade the facility for CNG/LNG repairs

Provide any comments/concerns related to the safety upgrade (if any)

**After feasibility assessment**

Completed by (please print)	Title	Signature	Date (Yr/Mth/Day)
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**After facility upgrade project is complete**

Completed by (please print)	Title	Signature	Date (Yr/Mth/Day)
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