

LPG SERVICES NOC REQUEST FORM



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|--|-------------------------------------|--|--|
| NOC Required for | PRMS Room <input type="checkbox"/> | Service Line Connection to Main Gas Network <input type="checkbox"/> | Date (dd/mm/year): |
| Stage: | Design NOC <input type="checkbox"/> | Construction NOC <input type="checkbox"/> | Handover /Commissioning NOC <input type="checkbox"/> |
| Others Pls. specify <input type="checkbox"/> | | | |

| | | | |
|--|---|--|--|
| Contact Details | | | |
| Owner Name: P.O Box: Fax: Contact Person Name: Direct No: Mobile No: E-Mail: | Owner Representative Name: P.O Box: Fax: Contact Person Name: Direct No: Mobile No: E-Mail: | Consultant/Contractor Name: P.O Box: Fax: Contact Person Name: Direct No: Mobile No: E-Mail: | |

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|--|-----------------------------------|-----------------------------|--|--|--|
| Project Details | | | | | |
| Plot No | Project Name | Domestic Customer | | | |
| | | Commercial Customer | | | |
| | | Domestic + Commercials | | | |
| Type of installation Above/underground/ Roof top (if applicable) | Tank Capacity (if applicable) | Total apartments (Nos) | | | |
| | | Total Restaurants (Nos) | | | |
| Gas Load in m ³ /hr. | Building/Project completion Date: | Required Delivery Date | | | |
| Applicant Name: | | Authorized Signature & Seal | | | |

| | | |
|---|---|--------------|
| FOR SOUTH ENERGY INTERNAL USE ONLY | | |
| NOC STATUS: | <input type="checkbox"/> Approved <input type="checkbox"/> Rejected <input type="checkbox"/> Pending <input type="checkbox"/> Commented | NOC Ref. No: |
| Condition / Comments | | |
| <p>Note: Rejected / commented submission be resubmitted with a new form</p> <p>By: Signature: Date: - -</p> | | |

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Attachment: Appendix-1 & 2

APPENDIX-1

Internal Gas Piping Works (Gas Utilization System) NOC Requirements:

1. Design NOC:

The design of internal gas piping works for inside building, starting from the tapping of main isolation valve to the point of delivery at the consuming equipment's along with the PRMS station. However, separate approvals shall require to take by plot developers/contractors/customers for the PRMS design & Construction NOC's from South Energy

Type of internal piping installations

- Residential Buildings
- Commercial Buildings (Hotel/Restaurants/Schools etc.)

1.1 Administrative Documents:

- 1.1.1 Duly filled-up NOC request form SE-LPG-NOC-F-001.
- 1.1.2 Passport copy of the owner or the authorized signatory of the project.
- 1.1.3 Valid power of attorney of authorized signatory in case of company.
- 1.1.4 Valid trade license copy in case the development owned by company.

1.2 Authority Approvals:

- 1.2.1 Plot affection Building plan copy approved from Dubai South Planning & Zoning Dept.
- 1.2.2 Setting out plan as approved / submitted by DS Planning & Zoning Dept.
- 1.2.3 Civil defense initial approvals for inside building internal gas piping works.

1.3 Shop Drawings

- 1.3.1 Digital copy in AutoCAD format and two (2) copy of A1 size and one (1) copy of A3 size drawings (stating rev / date / approved person / clear legends, with relevant notes) of the following:
 - a. Building plan showing the pipe routing from building gas plot valve chamber, building entry point towards PRMS room, GIS coordinates should mentioned in the drawings.
 - b. Affection plan /Site key plan
 - c. Shop drawings
 - A shop drawing detailing the LPG lay out shall have the following
 - i. Load calculation.
 - ii. Piping design
 - iii. Floor plans
 - iv. P&I details.
 - v. Logic of operation.

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- vi. Piping layout on roof top
- vii. Electro – Mechanical schematic flow diagrams
- viii. Gas leak detection system & FACP interfacing details
- ix. Typical detailed drawings

Note:

1. Plot valve chamber will be located within the plot premises & has to be referred according to DWC infrastructure details, the exact location, levels and coordinates should be reflected in the above point 1(a) (as per site service information request – DWC Planning & Zoning Dept.)
2. NOC takes 15 days for 1st submittal and 7 days for subsequent submittals subject to customer incorporate SE comments and resubmission compliance.

2. Construction NOC

The Contractor/Installer/ Customer shall apply for No objection Certificate (NOC) before starting any work at the site for the Installation of LPG internal building piping. The following documents are required to submit

2.1 Administrative Documents:

- 2.1.1 Duly filled-up NOC request form SE-LPG-NOC-F-001.
- 2.1.2 Passport copy of the owner or the authorized signatory of the project.
- 2.1.3 Valid power of attorney of authorized signatory in case of company.
- 2.1.4 Valid trade license copy in case the development owned by company.
- 2.1.5 Letter of confirmation that LPGas distribution network supply services' Contract is signed (between South Energy and the Customer).
- 2.1.6 AMC contract shall be signed before commissioning

2.2 Authority Approvals:

- 2.2.1 Plot affection Building plan copy approved from Dubai South Planning & Zoning Dept.
- 2.2.2 Setting out plan as approved / submitted by DS Planning & Zoning Dept.
- 2.2.3 Civil defense initial approvals for inside building internal gas piping works.
- 2.2.4 Approved Design NOC of Internal gas piping system works (Utilization System)

2.3 Shop Drawings

- 2.3.1 Digital copy in AutoCAD format and two (2) copy of A1 size and one (1) copy of A3 size drawings (stating rev / date / approved person / clear legends, with relevant notes) of the following:
 - a. Site Setting out plan as approved / submitted by DWC-DS planning dept.
 - b. A drawing showing clearly the gas pipe routing from the building gas plot valve chamber, building entry point towards the PRMS room.
 - c. A drawing showing the location of building side secondary piping.
 - d. Gas piping Schematic Riser Diagram showing the structural level of each floor of the building.

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- e. Electro – Mechanical schematic flow diagrams
- f. Gas leak detection system & FACP interfacing details
- g. Typical detailed drawings
- h. Material Submittal

3. Handing Over NOC:

Duly filled-up NOC request from SE-LPG-NOC-F-001.

Digital copy in AutoCAD format and two (2) A1 size as-built drawings shall be submitted. Contractor/Installer/ Customer shall request for the site inspection to South Energy with relevant documents, drawings, test certificates, commissioning reports and Operation & Maintenance manuals as mentioned in the NOC request form.

Note:

3.1.1 Installer/contractor shall carry final Civil defense approval during the SOUTH ENERGY inspection for commissioning activities.

3.1.2 SOUTH ENERGY will commission the gas facilities with LPG, only after customer/contractor obtaining No Objection Certificate (NOC) from Authority (DCD) on internal piping installation.

4. Fit-out NOC

Duly filled-up NOC request from SE-LPG-NOC-F-001.

Contractor/Installer/Customer shall request the NOC to change for any modifications requirements in the existing construction related to the LPG piping utilization system.

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APPENDIX-2

Pressure Reducing And Metering Station (PRMS) & PRMS Room NOC Requirements

1. Design NOC:

Guidelines for PRMS (Customer Primary meter) design and installation requirements has been provided in the document ref : ____ The following documents shall be submitted for the design approvals of PRMS & PRMS room

1.1 Administrative Documents:

- 1.1.1 Duly filled-up NOC request form SE-LPG-NOC-F-001.
- 1.1.2 Passport copy of the owner or the authorized signatory of the project.
- 1.1.3 Valid power of attorney of authorized signatory in case of company.
- 1.1.4 Valid trade license copy in case the development owned by company.

1.2 Authority Approvals:

- 1.2.1 Plot affection Building plan copy approved from Dubai South Planning & Zoning Dept.
- 1.2.2 Setting out plan as approved / submitted by DS Planning & Zoning Dept.
- 1.2.3 Civil defense initial approvals for inside building internal gas piping works.

1.3 Shop Drawings

- 1.3.1 Digital copy in AutoCAD format and two (2) copy of A1 size and one (1) copy of A3 size drawings (stating rev / date / approved person / clear legends, with relevant notes) of the following:
 - a. Plot affection plan for building copy, approved from Dubai South Planning & Zoning Dept.
 - b. Setting out plan as approved / submitted by DS Planning & Zoning Dept.
 - c. Confirmation of the demand load & gas supply delivery date.
 - d. A drawing showing clearly the gas pipe routing from the building plot valve chamber, building entry point towards the PRMS room.
 - e. Approved design NOC copies of Internal gas piping works (Utilization system)
 - f. Civil defense initial approvals for inside building internal gas piping works
 - g. Digital copy in AutoCAD format and two (2) copy of A1 size and one (1) copy of A3 size drawings (stating rev / date / approved person / clear legends, with relevant notes) of the following:
 - i. Building plan showing location of PRMS room
 - ii. An enlarged PRMS room layout showing the clear dimensions of the room, with existing services.

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- iii. Cross-section / elevation plan showing the clear height of the PRMS room with equipments (Regulators, Piping, Support, isolation Valves, solenoid valves and Instrumentation etc). Beams or level difference of slabs (of present) should also be reflected on the cross-section drawing.
- iv. Plan / sectional drawing for gas pipe penetration details to the PRMS Room.
- v. Generic PRMS room control schematics drawing details should incorporate in for both primary and secondary gas piping.

Note:

Plot valve chamber will be located within the plot premises & has to be referred according to DWC infrastructure details, the exact location, levels and coordinates should be reflected in the above point 1(d) (as per site service information request – DWC Planning & Zoning Dept.)

2. Construction NOC (PRMS):

2.1 Administrative Documents:

- 2.1.1 Duly filled-up NOC request form SE-LPG-NOC-F-001.
- 2.1.2 Passport copy of the owner or the authorized signatory of the project.
- 2.1.3 Valid power of attorney of authorized signatory in case of company.
- 2.1.4 Valid trade license copy in case the development owned by company.
- 2.1.5 Letter of confirmation that LPGas distribution network supply services' Contract is signed (between South Energy and the Customer).
- 2.1.6 AMC contract shall be signed before commissioning

2.3 Authority Approvals:

- 2.2.1 Plot affection Building plan copy approved from Dubai South Planning & Zoning Dept.
- 2.2.2 Setting out plan as approved / submitted by DS Planning & Zoning Dept.
- 2.2.3 Civil defense initial approvals for inside building internal gas piping works.
- 2.2.4 Approved Design NOC of PRMS.

2.3 Shop Drawings & Program

- 2.3.1 Construction program of Works for the PRMS room & Skid installations.
- 2.3.2 Digital copy in AUTOCAD format and two (2) copy of A1 size and one (1) copy of A3 size drawings of the following:
 - a. Site Setting out plan as approved / submitted by DWC-DS planning dept.
 - b. An enlarged PRMS room layout showing the clear dimensions of the room, with existing services.

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- c. Cross-section / elevation plan showing the clear height of the PRMS room with equipments (Regulators, Piping, Support, isolation Valves, solenoid valves and Instrumentation etc). Beams or level difference of slabs (of present) shall be reflected on the cross-section drawing.
- d. A drawing showing the location of building side secondary piping.
- e. Plan / sectional drawing for gas pipe penetration details to the PRMS Room.
- f. PRMS control schematics for primary Side of network and interfacing with gas and fire alarm control panels.
- g. Approved drawings from Dubai Civil defense
- h. Material Submittal

3. Handing Over NOC:

3.1 Civil works :

3.1.1 Duly filled-up NOC request from SE-LPG-NOC-F-001.

3.1.2 Digital copy in AutoCAD format and two (2) A1 size as-built drawings of PRMS room shall be submitted. Contractor/Installer/ Customer shall request for the site inspection to South Energy with relevant documents, drawings, test certificates, commissioning reports and Operation & Maintenance manuals as mentioned in the NOC request form.

3.1.3 Prior to commissioning of the Pressure Reducing and Metering Station, Contractor is required to perform Site Acceptance Test (SAT) with the presence of SOUTH ENERGY personnel. SAT need to be performed to confirm that the Pressure Reducing Station meets SOUTH ENERGY specifications and fully satisfied for operation.

3.1.4 SOUTH ENERGY will reserve the right not to connect Pressure Reducing Station to service if the testing result is not satisfactory.

3.2 Gas Service line Connection

PRMS Room pre-commissioning checklist shall verify and sign by South Energy representative.

Note:

3.2.1 Installer/contractor shall carry final Civil defense approval during the SOUTH ENERGY inspection for commissioning activities.

3.2.2 SOUTH ENERGY will give permissions for Gas –In and commission the gas facilities with LPG, only after customer/contractor obtaining No Objection Certificate (NOC) from Authority (DCD) on internal piping installation.

4. Fit-out NOC

Duly filled-up NOC request from SE-LPG-NOC-F-001.

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Contractor/Installer/Customer shall request the NOC to change for any modifications requirements in the existing construction related to the PRMS Room or Installation.