



# Clark County Department of Building & Fire Prevention

4701 West Russell Road • Las Vegas NV 89118

(702) 455-3000 • Fax (702) 221-0630

<b>Division:</b>	<b>Building &amp; Fire Prevention</b>	<b>Policy &amp; Procedure:</b>	
<b>Subject:</b>	<b>Structural Steel Fabricator/Manufacturer</b>	<b>Effective Date:</b>	
<b>Code:</b>	<b>TG-002</b>	<b>Revised Date:</b>	<b>03/17/2020</b>

**SUBJECT: TG-2-09 REQUIREMENTS FOR APPROVAL AS A CLARK COUNTY BUILDING DIVISION STRUCTURAL STEEL FABRICATOR/MANUFACTURER**

**1.0 PURPOSE:** Technical Guideline (TG)-2-09, details the criteria and sequence used by Clark County Department of Building (CCDB) for determination of approval status for steel fabricators/manufacturers. Approval is a public statement of the fabricator's/manufacturer's dedication to produce a quality product by adhering to the fabricators/manufacturer's CCDB approved Quality Systems Manual (QSM). This guideline meets the intent of Section 1704.2.2 of the International Building Code.

**2.0 SCOPE:** Includes metal building, structural steel, sign structures and miscellaneous steel components, as allowed by the Building Administrative Code of Clark County, Section 22.02.535, and in accordance with all applicable building codes.

**3.0 ABBREVIATIONS & ACRONYMS:**

AISC:	American Institute of Steel Construction
ASNT:	American Society for Nondestructive Testing
ASTM:	American Society for Testing and Materials
AWS:	American Welding Society
BAC:	Building Administrative Code
CCDB:	Clark County Department of Building
CWB:	Canadian Welding Bureau
CWI:	Certified Welding Inspector
HSB:	High Strength Bolts
IAS:	International Accreditation Services
IBC:	International Building Code
ICC:	International Code Council
ISO:	International Standards Organization
MTR:	Material Test Report
NCR:	Non- Compliance Report
NDT:	Nondestructive Testing
PM:	Program Manger
PQR:	Procedure Qualification Record
QC:	Quality Control
QSM:	Quality System Manual
RMI:	Rack Manufactures Institute
SJI:	Steel Joist Institute
SNA-IBC:	Southern Nevada Amendment to the International Building Code
TG:	Technical Guideline
TRG:	Technical Reporting Guide
WPS:	Welding Procedure Specification
WQR:	Welder Qualification Record

**4.0 DEFINITIONS:** For the purposes of this technical guideline certain terms, phrases, words and their derivatives shall be construed as specified in this section, the International Building Code and the Building Administrative Code of Clark County.

**Annual Renewal Listing Approval:** An approval status that may be granted to a fabricator/manufacturer requesting renewal of their previous CCDB approval status.

**Application Package:** A document package that contains an approved fabricator/manufacturer application, local code amendments and TG's for that particular type of fabricator/manufacturer.

**Approved Fabricator/Manufacturer Listing:** A list of CCDB approved steel component fabricators/ manufacturers.

**Approved Third Party Auditor:** An individual who has demonstrated competence and ability to the satisfaction of the Building Official, achieves and maintains national certification(s), has no conflict of interest and meets the requirements of the CCDB TG's

**Approved Third Party Auditor Listing:** A list of CCDB approved third party auditors.

**Audit Package:** A document package that contains a Plant Specific Auditor Approval letter, a Pre-Audit meeting and an Exit or Post-Audit meeting record. The audit package also contains an audit procedure, instructions and the audit questions.

**45 Day Conditional Listing Approval:** An approval status that may be granted to a currently approved fabricator/manufacturer, allowing the fabricator/manufacturer to continue to work under their approval status while providing time to respond to CCDB comments.

**Controlled Copy:** Any document for which distribution and status are to be kept current by the issuer.

**Initial Listing Approval:** An approval status that may be granted to a fabricator/manufacturer requesting a first time CCDB approved fabricator status.

**Plant Specific Auditor Approval Letter:** A time-sensitive letter that authorizes the approved third-party auditor to conduct the assigned CCDB audit of a fabricator's/manufacturer's specific plant location

**Project Specific Listing Approval:** An approval status that may be granted to a fabricator/manufacturer to provide structural steel items fabricated/manufactured at their approved facility for the project and scope of work specified.

**Removal:** Status that identifies a fabricator's/manufacturer's CCDB approval status as no longer in effect.

**Temporary Listing Removal:** Status that identifies a fabricator's/manufacturer's CCDB approval status as temporarily not in effect, pending further investigation.

## **5.0 REFERENCES:**

The edition of the International Building Code (IBC) that is currently adopted by Clark County is listed on the county website. Chapter 35 of the IBC lists the referenced standards adopted by the building code. The application of the referenced standards shall be as specified in the Clark County Building Administrative Code. Copies of the Southern Nevada Amendments to the IBC and the Clark County Building Administrative Code are available on the county website. The Clark County website address is: <http://www.clarkcountynv.gov/building>

2006 Southern Nevada International Building Code Amendments

Clark County Building Administrative Code

International Building Code

American Welding Society (AWS), D1.1, D1.3, D1.4 (*CCDB Adopted Editions*)

American Society for Testing and Materials (ASTM)

American Institute of Steel Construction (AISC), Manual of Steel Construction LRFD and ASD (*CCDB Adopted portions; 341-05 Seismic Provisions and 360-05 Specifications*)

## 6.0 RESPONSIBILITIES:

It is the responsibility of the following entities to perform the following functions:

### 6.1 CCBD

- 6.1.1 Review fabricator's/manufacture's submitted application package for Initial Listing Approval, Annual Renewal Listing Approval, or Project Specific Listing Approval application documentation. (All fabricator/manufacture listing approval types).
- 6.1.2 Determine if the fabricators/manufacture's submitted application package for Initial Listing Approval, Annual Renewal Listing Approval, or Project Specific Listing Approval application documentation complies with CCDB TG requirements.
- 6.1.3 Determine if the fabricators/manufactures submitted QSM complies with CCDB TG-1. (*Initial Listing Approval or \*Project Specific listing Approval only*) (**\*When Required by CCDB PM**)
- 6.1.4 Notify fabricator/manufacture in writing of any QSM items that do not comply with CCDB TG-1.
- 6.1.5 Perform CCDB Initial Audit of fabricator's/manufacture's Quality System. (*Initial Listing Approval only*).
- 6.1.6 Notify fabricator/manufacture in writing of Initial Audit results noting any Quality System items that do not comply with the fabricator/manufacture's QSM and/or CCDB TG requirements.
- 6.1.7 Review CCDB approved quality assurance agency submitted fabricator/manufacture annual in-plant audit.
- 6.1.8 Notify fabricator/manufacture in writing of annual in-plant audit results noting any Quality System items that do not comply with the fabricator/manufacture's QSM and/or CCDB approval requirements.
- 6.1.9 Notify fabricator/manufacture in writing of approval status.
- 6.1.10 Maintain an Approved Fabricator/Manufacturer listing.
- 6.1.11 Maintain an Approved Quality Assurance Agency listing.

### 6.2 Fabricator / Manufacturer

- 6.2.1 Obtain a fabrication application package at <http://www.clarkcountynv.gov/building>
- 6.2.2 Complete and submit fabrication application for Initial Listing Approval, Annual Renewal Listing Approval, or Project Specific Listing Approval along with a check for the appropriate fee and all requested information identified on the application.
- 6.2.3 Submit a "Controlled" copy of the fabricator's/manufacture's QSM that meets the requirements set forth in TG-1. (*Initial Listing Approval or \*Project Specific Approval only*) (**\*When Required by CCDB PM**)
- 6.2.4 Make necessary changes to the QSM in order to meet the TG-1 requirements.
- 6.2.5 Contact CCDB to schedule an Initial Audit. (*Initial Listing Approval or \*New Facility Approval only*) (**\*Required when currently approved facility is re-located**).
- 6.2.6 Review CCDB initial audit review letter items and make necessary changes to the QSM to comply with initial audit review letter items.
- 6.2.7 Submit to CCDB initial audit review response letter identifying all items and provide CCDB requested information.
- 6.2.8 Contact a CCDB approved quality assurance agency holding a CCDB FAB-S-A approval to schedule a CCDB Annual In-Plant Audit. (Annual Renewal Listing Approval only)
- 6.2.9 Review CCDB annual in-plant audit review letter items and make necessary changes to the QSM to comply with annual audit review letter items.
- 6.2.10 Notify and submit any revisions to CCDB within 30 days of fabricator/manufacture's revision approval.
- 6.2.11 Submit CCDB issued Project Specific Approval letter to project site contractor prior to first shipment of fabricated structural steel items. (*Project Specific Listing Approval only*)
- 6.2.12 **Submit a "Certificate of Compliance" (See Attachment "D")** for fabricated/ manufactured structural steel items, to the project contractor, architect/engineer and owner upon completion of fabrication/manufacturing. (CCDB Approved Fabricator/Manufacturers only).

### 6.3 Quality Assurance Agency

- 6.3.1 Request a CCDB annual in-plant audit package from CCDB PM prior to audit date agreed upon by the approved agency and the fabricator/manufacturer.
- 6.3.2 Perform the requested annual in-plant audit using only the CCDB FAB-S-A approved auditor noted on the audit authorization letter.
- 6.3.3 Review and submit the completed annual in-plant audit package to CCDB.

## 7.0 PROCEDURE:

### 7.1 Project Specific Approval

- 7.1.1 The fabricator/manufacturer may submit an application package for a “Project Specific Approval”. The application form (Attachment “E”) may be downloaded from the Clark County Building website at: <http://www.clarkcountynv.gov/building>. The application shall identify fabricator/manufacturer and fabrication/manufacturing facility information along with the project permit number and scope of work information (type of steel components to be fabricated/manufactured). A copy of the fabricator/manufacturers current AISC, IAS, RMI, or SJI fabricator/manufacturer approval is required and shall be submitted with the application.

*NOTE: The fabricator/manufacturer is responsible, under this approval type, to comply with the CCDB NDT requirement regarding Full Penetration welds. CCDB requires all full penetration welds on primary structural members with a material thickness of 5/16” and greater shall have a volumetric (Ultrasonic or Radiograph) NDT inspection performed to ensure weld soundness by a CCDB approved quality assurance agency having a FAB-S-NDT approval.*

- 7.1.1.1 A Fabricator’s/Manufacturer’s facility that **is not** certified or accredited as specified in 7.1.1 shall be subject to quality assurance agency special inspections to be performed in the fabrication/manufacturing facility as required by CCDB. (See TG-3, Paragraph 7.2)
- 7.1.2 The fabricator/manufacturer shall submit the completed Project Specific Approval application package and other required information to CCDB along with a check made payable to the Clark County Department of Building for the amount specified on the application.
- 7.1.3 The CCDB PM shall review the Project Specific Approval request application and submitted information.
  - 7.1.3.1 If the CCDB PM determines the Project Specific Approval request application and submitted information **complies** with CCDB Project Specific Approval requirements, the CCDB PM shall issue a Project Specific Approval letter to the fabricator/manufacturer. **(END)**

*NOTE: A fabricator/manufacturer that has been granted a Project Specific Approval and is to supply steel components to another project, other than the one identified on the Project Specific Approval, shall apply for a Project Specific Approval for each specific project’s permit number and submitted information **does not comply** with CCDB Project Specific Approval requirements, the CCDB PM shall provide the fabricator/manufacturer a list of non-complying items.*

- 7.1.3.2 Fabricator’s/Manufacturer’s that **can not comply** with CCDB Project Specific Approval requirements shall be instructed by the CCDB PM to comply with CCDB TG-3, Paragraph 7.2 requirements.
- 7.1.3.3 Fabricator’s/Manufacturer’s that can resolve non-complying items shall submit a written response identifying the non-complying and the corrections and documentation need to resolve these items. (See 7.1.3)

*NOTE: The fabricator/manufacturer is required to, under this approval type, to submit a Certificate of Compliance (Attachment “D”) for fabricated/manufactured supplied items to the Project Contractor, Architect/Engineer, and owner upon completion of fabrication/manufacturing.*

### 7.2 Initial Listing Approval

- 7.2.1 The fabricator/manufacturer may submit an application package for an “Initial Listing Approval”. The application form may be downloaded from the Clark County Building website; [www.clarkcountynv.gov/building](http://www.clarkcountynv.gov/building). The application form (Attachment “E”) shall identify the fabricator/manufacturer and fabrication/manufacturing facility information. The fabricator/manufacturer shall provide a “Controlled Copy” of the fabricator’s/manufacturer’s QSM that complies with CCDB TG-1 requirements. A copy of the fabricator/manufacturers current AISC, IAS, RMI, or SJI fabricator/manufacturer approval is also required (If Applicable)

7.2.2 The fabricator/manufacturer shall submit the completed Initial Listing Approval application package and other required information to CCDB along with a \*check made payable to the Clark County Department of Building for the amount specified on the application.

*\*Exception: Fabricator's/Manufacturer's that are currently approved by IAS may have the initial fee waived if approved by the CCDB PM.*

7.2.3 The CCDB PM shall review the Initial Listing Approval request application, fabricator's/manufacturers submitted QSM, and copy of the fabricator's/manufacturer's current AISC, IAS, RMI, or SJI fabricator/manufacturer approval, as applicable for compliance to applicable codes and CCDB TG-1 requirements.

7.2.3.1 The CCDB PM shall issue a QSM review letter if the submitted QSM **complies** with CCDB TG-1 and applicable codes. The QSM review letter shall inform the fabricator/manufacturer that the QSM complies with CCDB TG-1 and applicable codes. The CCDB PM shall then proceed to the auditing portion of the Initial Listing Approval process. (See 7.2.8)

7.2.3.2 The CCDB PM shall issue a QSM review letter to the fabricator/manufacturer if the submitted QSM **does not comply** with applicable codes and/or CCDB TG-1 requirements. The CCDB QSM review letter shall identify any items that do not comply with CCDB TG-1 and applicable codes. The QSM review letter shall also identify any additional information and/or actions needed to correct the QSM review findings.

7.2.4 The fabricator/manufacturer shall review the CCDB QSM review letter (If Applicable, CCDB QSM Review Response letter) and make any necessary changes to comply with CCDB TG-1 and applicable codes.

7.2.5 The fabricator/manufacturer shall provide a written response to the CCDB QSM review letter (If Applicable, CCDB QSM Review Response letter). The fabricator's/manufacturer's QSM review response letter shall identify each item noted in the CCDB QSM review letter (If Applicable, CCDB QSM Review Response letter) and the corrective action taken to correct the noted item.

7.2.6 The fabricator/manufacturer shall submit the fabricator/manufacturer QSM review response letter, to the CCDB PM by the response date indicated.

*NOTE: Failure to provide the requested information by the due date indicated in the letter may result in a delay in approval of the fabricator's/manufacturer's facility.*

7.2.7 The CCDB PM shall review the submitted fabricator/manufacturer QSM review response letter for compliance to TG-1 and applicable codes.

7.2.7.1 If the CCDB PM determines the fabricator/manufacturers submitted QSM review response letter **complies** with CCDB TG-1 and applicable code requirements the CCDB PM shall issue an QSM review response letter indicating that all previously identified noncompliance items are now in compliance. (See 7.2.8)

7.2.7.2 If the CCDB PM determines the fabricator/manufacturers submitted QSM review response letter **does not comply** with CCDB TG-1 and applicable code requirements the CCDB PM shall re-issue another QSM review response letter identifying the remaining noncompliance items. (See 7.2.4)

*NOTE: Paragraph's 7.2.8 – 7.2.13 shall not apply to fabricator's/manufacturer's that are currently approved by IAS. The IAS approved fabricator/manufacturer shall only be required to submit a copy of their latest IAS fabrication/manufacturing facility audit in lieu of the CCDB Initial Audit.*

7.2.8 The fabricator/manufacturer shall contact the CCDB PM to schedule an Initial Audit of the fabricator/manufacturer's Quality Program and fabrication facility. The fabricator/manufacturer shall be responsible for expenses associated with performing the initial audit. Expenses include, but are not limited to, ground and/or air travel to the fabrication/manufacturing facility, hotel accommodations (if required), rental car (if required), and an hourly fee as specified in the Clark County Building Administrative Code.

7.2.9 The CCDB PM shall verbally notify the fabricator/manufacturer during the initial audit exit meeting of the fabricator/manufacturer's Quality Program and initial audit results.

7.2.9.1 The CCDB PM shall issue an initial audit review letter when it is determined that the fabricator's/manufacturer's Quality Program and fabrication/manufacturing facility **complies** with the fabricator/manufacturer's QSM and applicable codes.

The initial audit review letter shall inform the fabricator/manufacturer that:

- No non-compliant issues were noted.
- Fabricator/manufacturers request for Initial Listing Approval status will be granted.
- Fabricator/manufacturers Initial Listing Approval shall be based on the fabricator/manufacturer's QSM and the CCDB initial audit.
- Approval by one of the CCDB accepted entities (If Applicable) (See 7.2.14)

7.2.9.2 The CCDB PM shall issue an initial audit review letter when it is determined that the fabricator's/manufacturer's Quality Program and facility **does not comply** with the fabricator's/manufacturer's QSM or applicable codes. The initial audit review letter shall identify any non-compliant items noted during the initial audit, what actions need to be taken to correct the initial audit findings and the fabricators/manufacturers response due date.

**NOTE: Failure to provide the requested information by the date indicated could result in a delay of the Fabricators/manufacturers approval.**

7.2.10 The fabricator/manufacturer shall review the CCDB initial audit review letter and make the necessary changes to comply with the CCDB initial audit review letter requirements.

7.2.11 The fabricator/manufacturer shall provide a written response to the CCDB initial audit review letter. The fabricator's/manufacturer's initial audit review response letter shall identify each item noted in the CCDB initial audit review letter and the corrective action taken for each of the noted items.

7.2.12 The CCDB PM shall review the submitted fabricator's/manufacturer's initial audit review response letter for compliance to the fabricator's/manufacturer's QSM and applicable codes.

7.2.12.1 CCDB PM shall issue another initial audit review response letter when the submitted initial audit review response letter **does not comply** with the fabricator/manufacturers QSM and applicable codes. (See 7.2.10)

7.2.12.2 CCDB PM shall issue a final initial audit review response letter when the submitted initial audit review response letter **complies** with the fabricators/manufacturer's QSM and applicable codes.

7.2.13 The final initial audit review letter shall inform the fabricator/manufacturer that all previously noted non-compliant issues have been resolved and are now in compliance with the fabricator's/manufacturer's QSM and applicable codes. This final initial audit review letter shall inform the fabricator/manufacturers that their request for Initial Listing Approval status will be granted. The fabricator's/manufacturer's Initial Listing Approval shall be based on the fabricator's/manufacturer's QSM, current approval by one of the CCDB accepted entities (As Applicable), and corrected non-compliance items noted in the CCDB initial audit.

7.2.14 The CCDB PM shall issue the fabricator/manufacturer an Initial Approval Confirmation letter identifying the:

- Fabricator/manufacturers CCDB identification number
- Approved fabricator/manufacturer company name
- Approved fabrication facility location
- Approval category
- Primary fabrication/manufacturing type  Approval period.

### 7.3 **Annual Renewal Listing Approval**

7.3.1 CCDB shall send one renewal notice to the fabricator/manufacturer prior to the approved listing expiration date.

7.3.2 The fabricator/manufacturer shall obtain a fabrication/manufacture application package at [www.clarkcountynv.gov/building](http://www.clarkcountynv.gov/building)

7.3.3 The fabricator/manufacturer shall complete the fabrication application form and mark the “**Annual Renewal Listing**” block. The fabricator/manufacturer shall provide the latest revision to the fabricator's/manufacturer's QSM, copy of the fabricator/manufacturers current AISC, IAS, RMI, or SJI fabricator/manufacturer approval (As Applicable), and the name of the CCDB approved auditing agency (If Required).

**NOTE: A fabricator/manufacturer that has been removed from the CCDB approved fabricator/manufacturer listing shall be required to re- apply as a Reinstatement.**

**NOTE: The CCDB approved auditing agency information is not required if the fabricator/manufacturer has a current AISC, IAS, RMI, or SJI fabricator/manufacturer approval.**

**NOTE: If the fabricator/manufacturer has moved their fabrication facility to another location or if the person identified as the Quality Manager has changed, another facility Audit is required and shall be performed by CCDB.**

7.3.4 The fabricator/manufacturer shall submit the completed Annual Renewal Listing application package to CCDB along with a \*check made payable to the Clark County Department of Building for the amount specified on the application within 45 days of the fabricator/manufacturer's approved listing expiration date.

**\*Exception: Fabricator's/Manufacturer's that are currently approved by IAS may have the initial fee waived if approved by the CCDB PM.**

- 7.3.4.1 Fabricators/manufacturers that have not submitted the fabrication/manufacture application package for their annual renewal listing within the allotted time shall have their approved listing status removed. Fabricators/manufacturers that wish to have their approval status reinstated shall submit a fabrication/manufacture application identifying “Reinstatement” and shall include the appropriate fee. The CCDB PM shall determine if an initial audit is warranted.
- 7.3.5 The CCDB PM shall review the Annual Renewal Listing request application, the fabricator’s/manufacture’s latest QSM revisions, and the copy of the fabricator’s/manufacture’s current AISC, IAS, RMI, or SJI fabricator/manufacture approval (As Applicable) for compliance to the fabricator/manufacture’s QSM and applicable codes.
- 7.3.5.1 If the CCDB PM determines the fabricator/manufacture’s current AISC, IAS, RMI, or SJI approval and the submitted latest QSM revisions are **current** and **comply** with CCDB TG-1 and applicable codes. (See 7.3.9)
- 7.3.5.2 If the CCDB PM determines the fabricator’s/manufacture’s current AISC, IAS, RMI, or SJI approval and/or the submitted latest QSM revisions are **not current** and/or **do not comply** with CCDB TG-1 and applicable codes, the CCDB PM shall inform the fabricator/manufacture in writing of non-compliance issues.
- 7.3.6 The fabricator/manufacture shall review the CCDB letter identifying the noncompliance issues noted. The fabricator/manufacture shall submit to the CCDB PM a written response identifying each noted noncompliance item and the corrective actions taken to correct item.

**NOTE:** *Failure to provide the requested information by the date indicated could result in a delay of your fabricator/manufacture approval.*

- 7.3.7 The CCDB PM shall review the fabricator’s/manufacture’s response letter to determine if all noted noncompliance items have been corrected and are now in compliance with CCDB TG-1 and applicable codes.
- 7.3.7.1 If the CCDB PM determines noncompliance issues **still exist** the CCDB PM shall inform the fabricator/manufacture in writing of any outstanding noncompliance item(s). (See 7.3.6)
- 7.3.7.2 If the CCDB PM determines all noted noncompliance issues now **comply** with the fabricator/manufacture’s QSM and applicable codes, the CCDB shall inform the fabricator/manufacture in writing that all noncompliance items noted now comply. (See 7.3.9)
- 7.3.8 If the fabricator/manufacture **is not** currently approved by AISC, IAS, RMI, or SJI. The fabricator/manufacture shall contact a CCDB approved auditing agency, holding a current CCDB FAB-S-A approval, and schedule a CCDB required annual in- plant audit. The CCDB approved auditing agency listing is available at [www.clarkcountynv.gov/building](http://www.clarkcountynv.gov/building). (See TG-3 7.1.3)
- 7.3.9 The CCDB PM shall issue the fabricator/manufacture a Renewal Confirmation letter identifying the
- Fabricator’s/manufacture’s CCDB identification number
  - Approved fabricator/manufacture company name
  - Approved fabrication/manufacturing facility location
  - Approval category
  - Primary fabrication/manufacturing type
  - Approval period

7.4 **Fabricator/Manufacturer Temporary Approvals and Removals**

- 7.4.1 An approved fabricator/manufacture may request additional time, beyond the response time allotted, in order to perform the required annual audit or respond to the CCDB audit review letter. The CCDB PM may grant a fabricator/manufacture a “45 Day Conditional Approval” that would allow the fabricator/manufacture an additional 45 days to complete the required tasks.
- 7.4.2 The fabricator/manufacture shall submit a written request to the CCDB PM requesting the additional time to schedule the required annual audit or respond to the CCDB audit review letter. The written request shall identify why the additional time is required and shall provide a date as to when the tasks will be completed.
- 7.4.3 The CCDB PM shall review the submitted request and determine if issuance of the 45-day conditional approval is warranted. The CCDB PM may determine the request for additional time is not warranted because the original allotted time was sufficient and/or because additional time has already been granted.
- 7.4.3.1 The CCDB-PM shall notify the fabricator/manufacture in writing that their request for additional time is denied if the CCDB PM determines that the issuance of a 45-day conditional approval **is not** warranted. The CCDB PM shall identify the fabricator/manufacture status as “Removed” on the CCDB approved fabricator/manufacture listing. (See 7.4.5)

7.4.3.2 The CCDB PM shall verbally notify the fabricator/manufacturer that the request for additional time will be granted if the CCDB PM determines that the issuance of a 45-day conditional approval is warranted. The CCDB PM shall then identify the issuance of the 45-day conditional approval on the CCDB approved fabricator/manufacturer listing.

*NOTE: No formal letter is generated, only a notation in the CCDB approved fabricator/manufacturer listing identifying the expiration date of the 45-day conditional approval and the conditions of this approval is required. Listed conditions of this approval may include 3rd party fabrication/manufacturing inspections to be performed in the fabrication/manufacturing facility or at the project site by a CCDB approved agency.*

7.4.4 The fabricator/manufacturer shall submit all information regarding the completed tasks by the 45-day conditional approval expiration date.

7.4.4.1 Any fabricator/manufacturer that **does not** submit all of the required completed task information by the 45-day conditional approval expiration date may have their approval status temporarily removed from the CCDB approved fabricator/manufacturer listing.

7.4.5 A fabricator/manufacturer whose approval status has been identified as temporarily removed shall have 30 days to resolve any issues. During this period the fabricator/manufacturer shall hire a CCDB approved quality assurance agency having a CCDB FAB-S-I to perform fabrication/manufacturing shop inspections. (SEE TG-3 Paragraph 7.2)

7.4.5.1 Any fabricator/manufacturer that has exceeded the 30-day temporary removal period shall have their approval status identified as "Removed" on the CCDB approved fabricator/manufacturer listing.

7.4.6 A fabricator/manufacturer whose previous approval status has been identified as removed from the CCDB approved fabricator/manufacturer listing may request for their approval status to be reinstated. Fabricators/manufacturers that wish to have their approval status reinstated shall submit a fabrication/manufacture application identifying "Reinstatement" and shall include the appropriate fee. The CCDB PM shall determine if an initial audit is warranted.

*NOTE: A fabricator/manufacturer that has been removed from the CCDB approved fabricator/manufacturer listing shall be required to re-apply as a Reinstatement.*

## 8.0 RECORDS

8.1 The QSM is considered to be a lifetime record and shall be a controlled document.

8.2 A master list of all in possession of controlled copies of the QSM shall be generated and maintained by the originating organization.

8.3 A listing of all approved fabricators/manufacturers shall be maintained by CCDB.

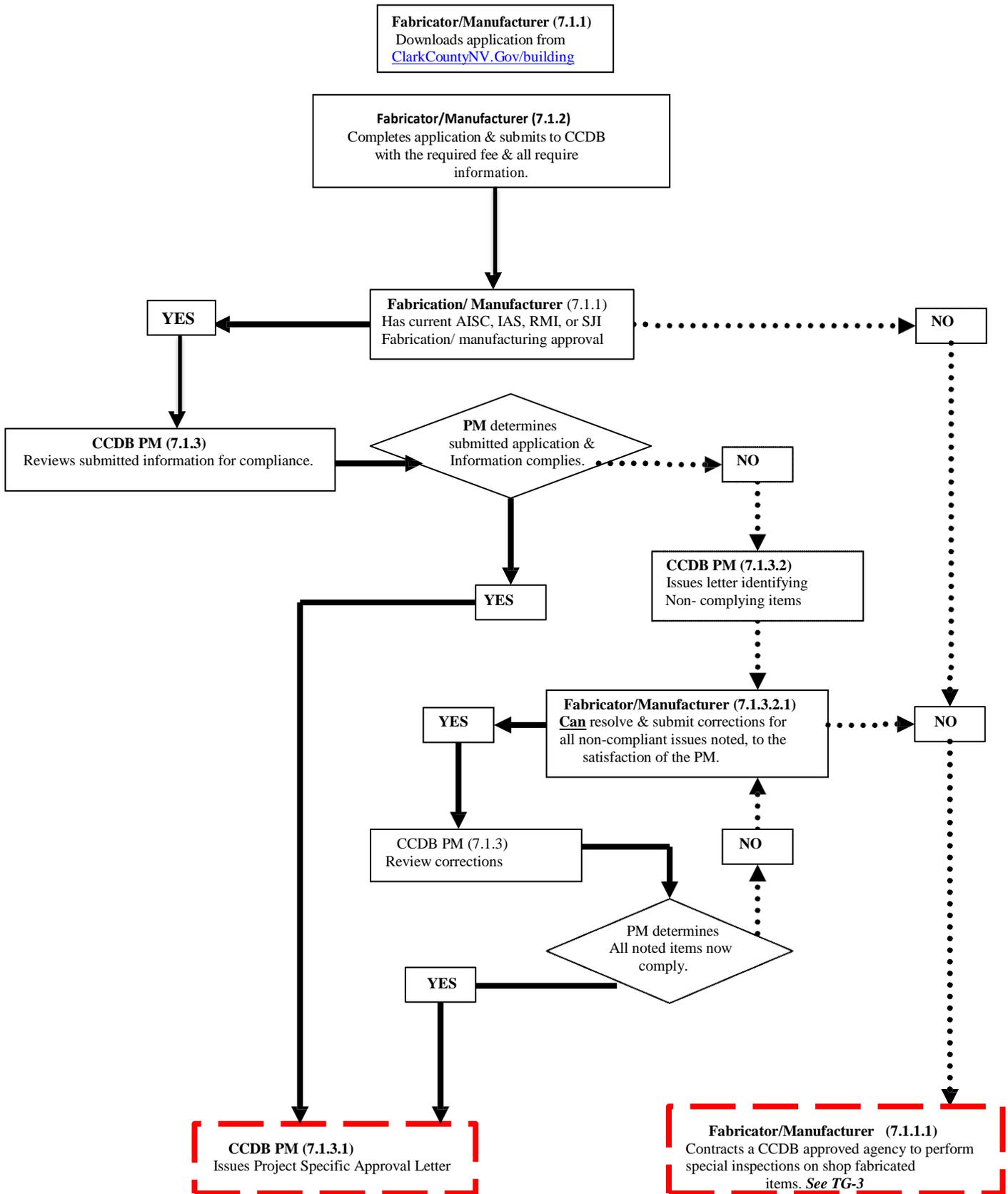
## 9.0 ATTACHMENTS

- Project Specific Approval Flow Chart (**ATTACHMENT "A"**)
- Initial Listing Approval Flow Chart (**ATTACHMENT "B"**)
- Annual Renewal Listing Approval Flow Chart (**ATTACHMENT "C"**)
- Certificate of Compliance Form 825 (**ATTACHMENT "D"**)
- Approved Structural Steel Fabricator/Manufacturer Application Form 820 (**ATTACHMENT "E"**)

# Appendix A

## Project Specific Approval Flow Chart

# TG-2 PROJECT SPECIFIC FLOW CHART

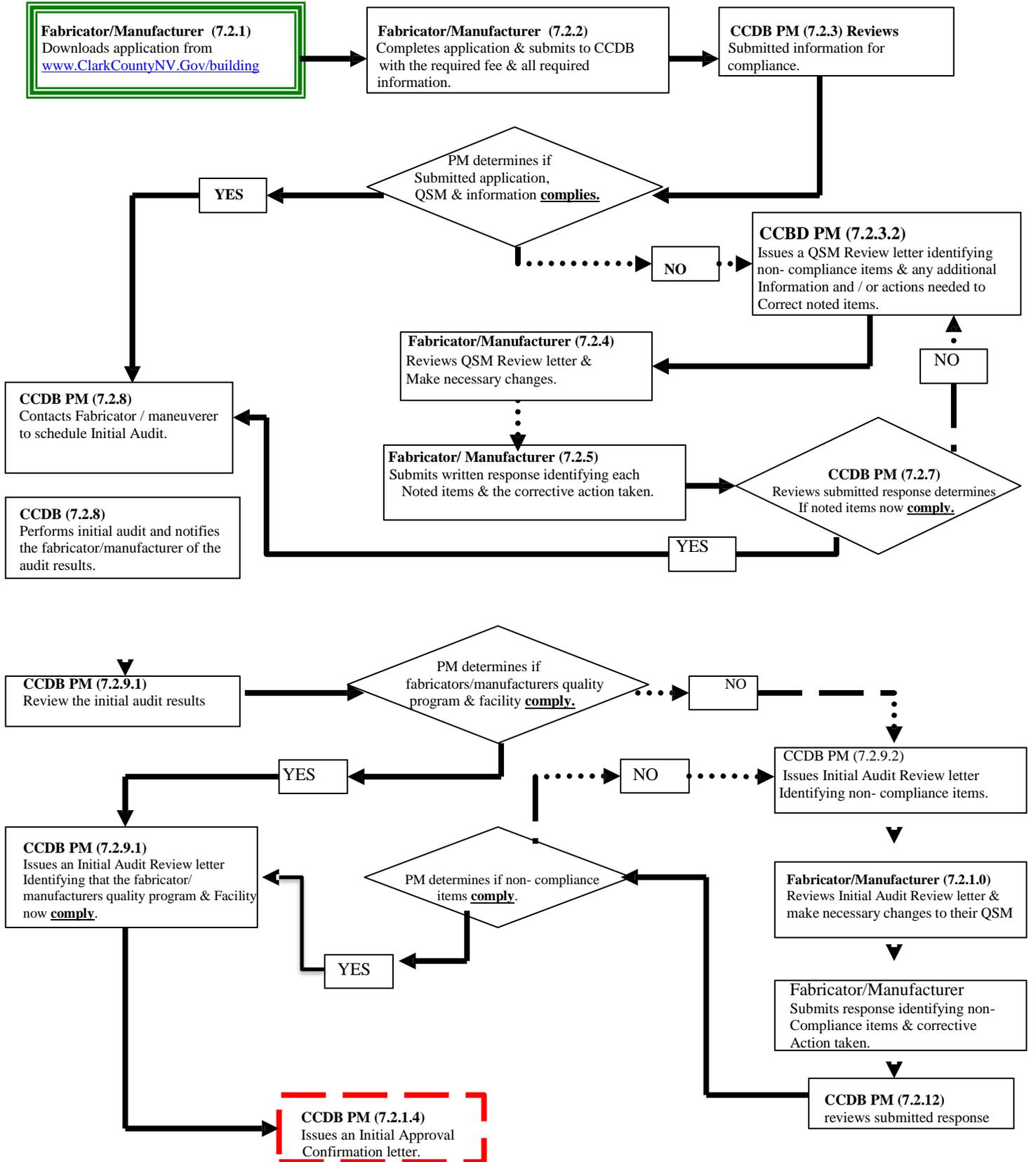


# Appendix B

## Initial Listing Approval Flow Chat

# TG-2 INITIAL LISTING APPROVAL FLOW CHART

**START**

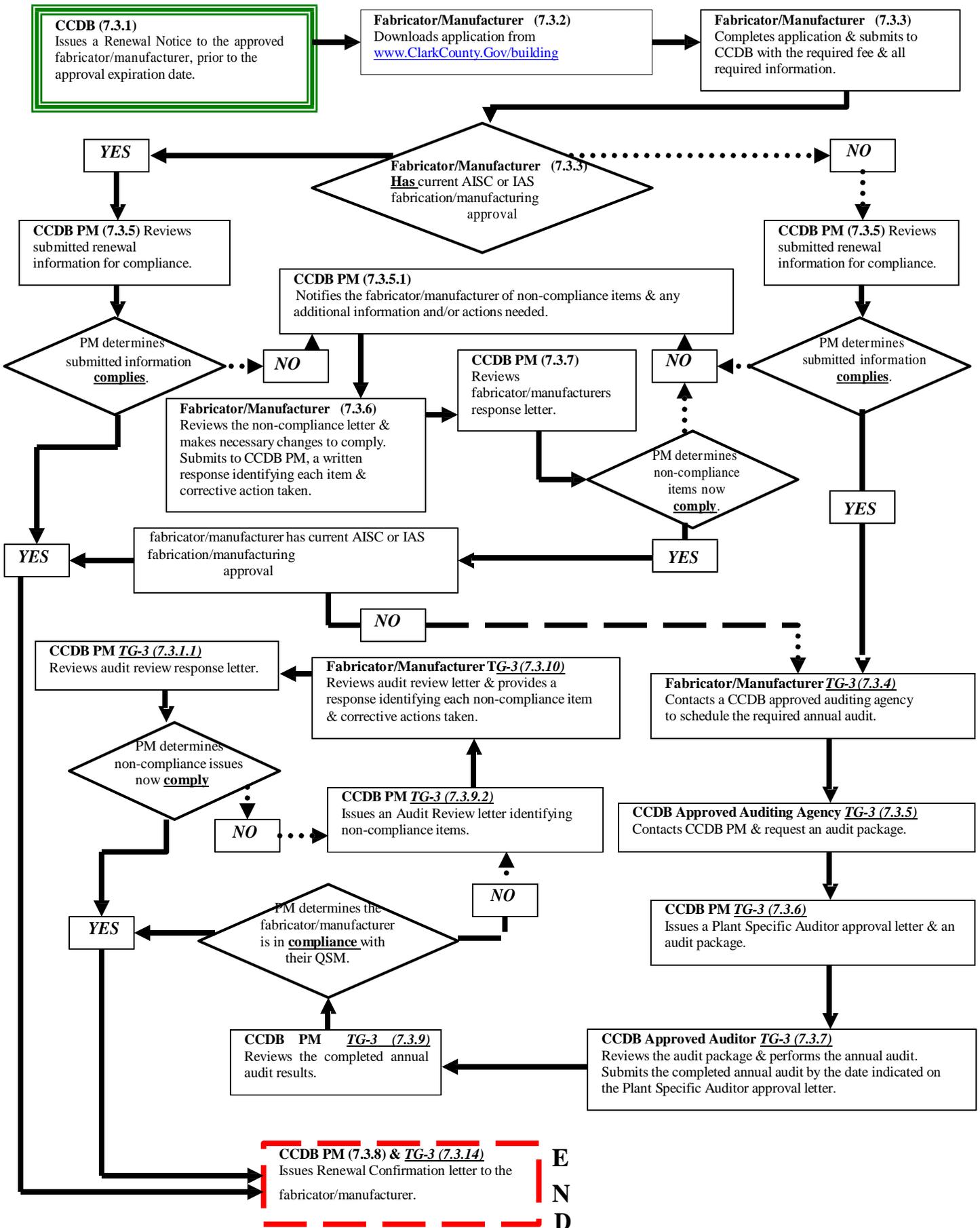


# Appendix C

## Annual renewal Listing Approval Flow Chat

# CG-2 & CG-3 ANNUAL RENEWAL LISTING APPROVAL FLOW CHART

**START**



Appendix D  
Certificate of Compliance Form 825



# Clark County Department Of Building & Fire Prevention

4701 W Russell Road ~ Las Vegas NV 89118

(702) 455-3000 ~ Fax (702) 221-0630

## Fabricator/Manufacturer Certificate Of Compliance

Ronald L. Lynn, Director/Building Official • Samuel D. Palmer, PE., Assistant Director

### FABRICATOR/MANUFACTURER CERTIFICATE OF COMPLIANCE

#### Welded Structural Steel Fabrication

Approved Fabricators are required to submit a “**CERTIFICATE OF COMPLIANCE**” for their shop-welded construction (Reference International Building Code Section 1704.2.2). The Certificate of Compliance is to cover all materials and workmanship supplied by the fabricator/manufacturer, including all items fabricated by others that become part of the completed fabricated item that is furnished to the project.

**NOTE:** Only approved fabricators may submit fabrication certifications for work performed in their approved fabrication facility.

An example of an acceptable product certification is as follows:

#### (Fabricator’s Letterhead)

### FABRICATOR/MANUFACTURER CERTIFICATE OF COMPLIANCE

Fabricator: \_\_\_\_\_ Facility: \_\_\_\_\_

Fabricator Certification(s):

Clark County # \_\_\_\_\_ IAS # \_\_\_\_\_ AISC # \_\_\_\_\_

Project: \_\_\_\_\_ Address: \_\_\_\_\_ Permit #: \_\_\_\_\_

To: Building Official, (Applicable Project Jurisdiction)

All materials, workmanship and services supplied for use on the project noted above were purchased, fabricated, manufactured, shipped and/or installed in strict accordance with the requirements of the approved construction documents, International Building Code, applicable \_\_\_\_\_ (*Jurisdictional*) \_\_\_\_\_ building codes and the \_\_\_\_\_ (*Fabricator*) \_\_\_\_\_ Quality Systems Manual.

I certify that the above is true and all records pertaining to the above are on file in my office.

Responsible Party \_\_\_\_\_

Date \_\_\_\_\_

cc: *Project Owner*  
*Project Contractor*  
*Project Architect/Engineer*

# Appendix E

Approved Structural Steel Fabricator/Manufacturer Application Form 820



# Clark County Department Of Building & Fire Prevention

4701 West Russell Road, Las Vegas, NV 89118 ~ (702) 455-3000

## Structural Steel Fabricator/Manufacturer Request for Initial or Renewal of Clark County Approval

Company Name: \_\_\_\_\_ CCBD FAB. ID#: \_\_\_\_\_

QC Manager Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Plant Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

### FEES REQUIRED TO BE SUBMITTED WITH APPLICATION

Initial Listing or Reinstatement (\$800.00)	Annual Renewal (\$575.00)	Project Specific Approval (\$360.00)
<b>TG-2 Approval Process:</b>  <u>ALL Fabricators Provide</u> Controlled copy of company's Quality Control Manual (Latest Edition) that complies with CCBD TG-1  Copy of CCDB TG-1 Matrix (Copy located last page of TG-1)  Copy of current recognized certification (AISC, IAS, RMI, SJI)	<b>TG-2 Approval Process:</b>  <u>ALL Fabricators Provide</u> Provide current revision number & date of QSM Rev#: _____ Date: _____  Copy of Current Recognized Certification (AISC, IAS, RMI, SJI) CCBD Approved 3rd Party Auditing Agency  _____ _____ _____	<b>TG-2 Approval Process:</b>  <u>ALL Fabricators Provide</u> Permit#: _____ Project Address: _____  Copy of current recognized CWB) Scope of Work:

### RETURN THIS APPLICATION FORM WITH YOUR CHECK TO THE FOLLOWING ADDRESS:

Department of Building & Fire Prevention  
Attn: David A. Chancey  
4701 W. Russell Rd. - Las Vegas, Nevada 89118

David A. Chancey - 702-455-2883 Email: [dac@clarkcountynv.gov](mailto:dac@clarkcountynv.gov)

Please submit a check or money order, along with the required documentation, with each application.

**Please make check payable to: Clark County Department of Building.**

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Prepared By:**

**Date Prepared:**

**Revision History:**

Title	Revision/Approved Date	Effective Date
TG-2-09 Structural Steel Fabricator/Manufacturer	June 15, 2009	July 01,2009
TG-2-99 Structural Steel Fabricator/Manufacturer	November 12,1999	May 01,200

**Reviewed by:**

Werner Hellmer  
Werner Hellmer, P.E.  
Manager of Engineering

David Logsdon  
David Logsdon  
Management of Plans Exam

Zach Gharibian  
Zach Gharibian  
ACET Manager

Matthew Brewer  
Matthew Brewer  
Manager of Inspections

Danny Horvat  
Danny Horvat  
Assistant Fire Chief

Wayne Dailey  
Wayne Dailey  
Assistant Fire Chief

Girard Page  
Girard Page  
Fire Marshal

Amara Vigil  
Amara Vigil  
Senior Management Analyst

Ofelia Monje  
Ofelia Monje  
Senior Management Analyst

Samuel D. Palmer  
Samuel D. Palmer, P.E., C.B.O.  
Assistant Director

James Gerren  
James Gerren, P.E., C.B.O.  
Assistant Director

**Approved by:**

Jerome A. Stueve  
Jerome A. Stueve, P.E.  
Director/Building & Fire Official