

Attachment 1

Partial Exemption Process -- Procedure

1.0 SCOPE

This Procedure is for requesting exemption from certain code-driven requirements of the LANL Welding Program for non-code welding tasks not explicitly exempted by GWS 1-01.

It is to be used in conjunction with Exhibit 1A "Exemption Flow Chart" and Exhibit 1B "Exemption Request Form".

1.1 Exempted LANL Welding Program-driven requirements include:

- The need for a WPA-approved Welding Procedure Specification (WPS), Welding Fabrication Procedure (WFP), and/or Welding Technique Sheet (WTS) controlling the work variables.
- The need for exact, one-to-one, correspondence between the welder's limits of qualification and the task being performed as required by GWS 1-05, *Welding Performance Qualification and Certification* (limits include welding process, materials, positions, thickness, diameters, and backing that were used to test the welder). Welder's certification is not required to be current.
- The need for the Welding Checklist to detail procedure, qualification, and inspection requirements.
- The need for AWS-CWI inspection of the work.

1.2 CAUTION: Even with a approved exemption, several LANL Welding Program and other requirements remain in force:

- Have an IWD ensuring basic safety for all welding activities.
- Welder must be or have been certified in the process which will be used.
- Filler material used for exempted activities must be physically secured and controlled to prevent cross contamination with other welding tasks.
- Filler material must be issued to authorized personnel only.
- Work must meet control, inspection, and other requirements not imposed by the LANL Welding Program but driven from the project or program requiring the task.

1.3 Guidance: It is recommended that filler materials used for exemptions be procured, controlled and issued using the process outlined in GWS 1-03, Para. 5.5.

2.0 REFERENCES

2.1 GWS 1-03 – Welding and Brazing Material Procurement & Control

3.0 EXHIBITS

3.1 1A -- Exemption Process Flow Chart

3.2 1B -- Exemption Request Form

4.0 EXEMPTION REQUEST SUBMITTAL

4.1 Exemption Process Flow Chart:

- 4.1.1 Use the exemption process flow chart (Exhibit 1A) to evaluate the proposed welding activity for the likelihood of obtaining exemption.

4.2 Partial Exemption Request Form:

- 4.2.1 Use the Partial Exemption Request Form (Exhibit 1B) to describe the specific welding activity and identify who will be the primary contact for questions and discussions related to the request.

- 4.2.2 Describe reason and justification for the exemption request.

- 4.2.2.1 If the request is based on equivalent requirements from another source such as a QA or technical standard or procedure, describe the source and the requirements (or references where it can be found in enough detail to provide for an adequate review.

5.0 EXEMPTION REQUEST REVIEW AND APPROVAL

- 5.1 Submit signed Request Form to the LANL Welding [POC/WPA](#) (*M/S M702, TA-3-410, fax 5-1723*). Unsigned drafts may be submitted by e-mail to initiate the process.
- 5.2 Prepare for a site visit by the WPA; this is frequently required to understand the activity.
- 5.3 Notification of approval or disapproval will be e-mailed by the WPA to the requestor, with signed Requests dispositioned and faxed back if requested.
- 5.4 If approval is granted it is valid for one year, and must be resubmitted by the requestor to extend again.