



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

East Building, PHH-23
1200 New Jersey Ave, SE
Washington, D.C. 20590

**IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS**

CERTIFICATE USA/0245/S, REVISION 15

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - Elekta Instrument AB Models 43047, 43685 and 1000029.
2. Source Description - Cylindrical double encapsulations made of Type 303 stainless steel (Model 43047) or Type 316L stainless steel (Models 43685 and 1000029) and seal welded. Approximate outer dimensions are either 7.98 mm (0.314 in.) or 7.99 mm (0.315 in.) in diameter and 27.9 mm (1.10 in.) in length (after welding). Construction shall be in accordance with attached Elekta Instrument Drawing Nos. 43047 (Model 43047), 43685 (Model 43685), or 1000029 (Model 1000029).
3. Radioactive Contents - No more than 2.22 TBq (60.0 Ci) of Cobalt-60 in the form of metal pellets, a solid rod, or powder.
4. Management System Activities - Records of Management System activities required by Paragraph 306 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.

¹ "Regulations for the Safe Transport of Radioactive Material, 2018 Edition, No. SSR-6 (Rev. 1)" published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

² Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

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5. Expiration Date - This certificate expires on January 31, 2031. Previous editions which have not reached their expiration date may continue to be used.

This certificate is issued in accordance with paragraph(s) 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the December 4, 2025 petition by Elekta Instrument, Stockholm, Stockholm County, Sweden, and in consideration of other information on file in this Office.

Certified By:

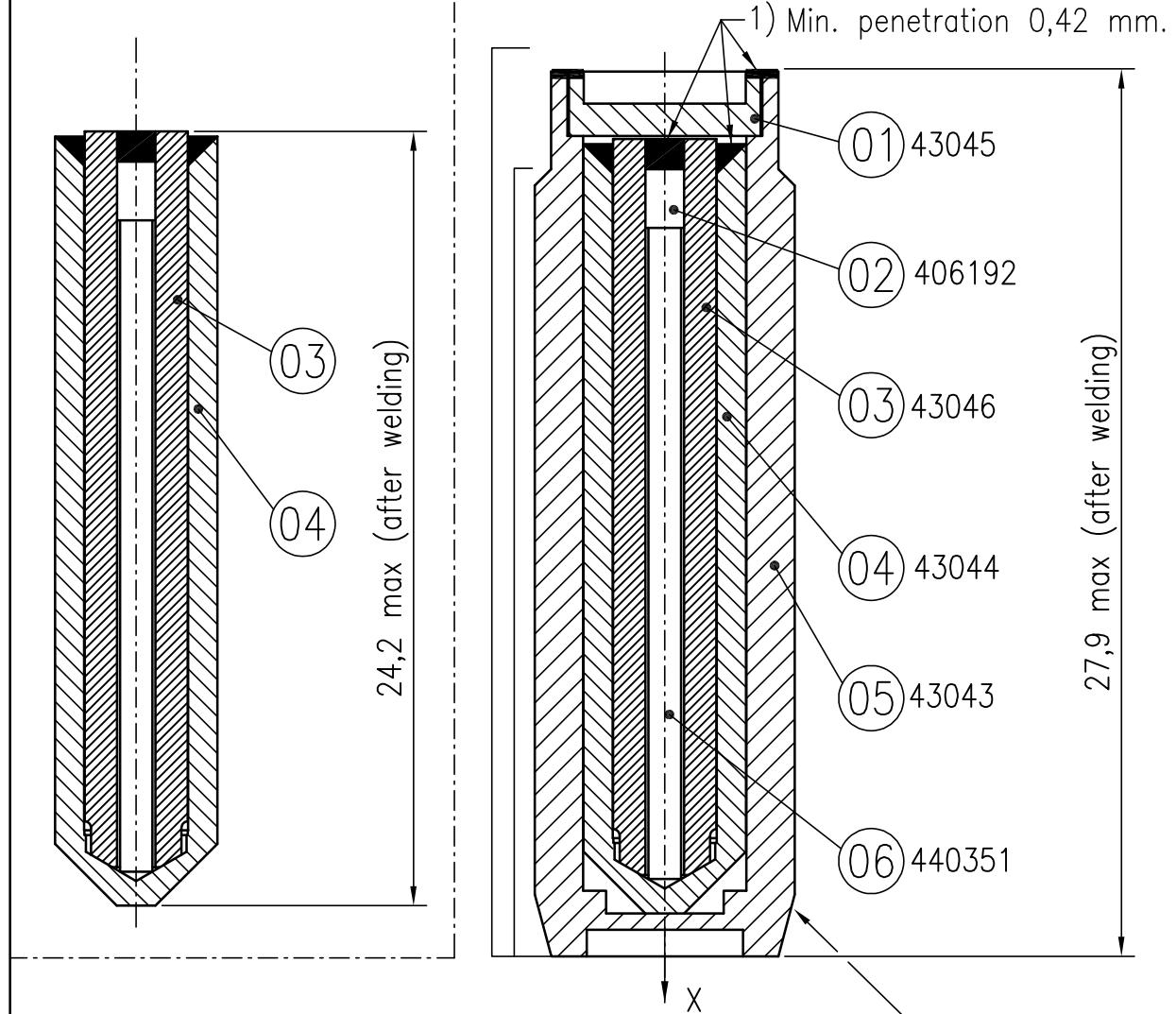


William Quade
Acting Associate Administrator for
Hazardous Materials Safety

January 16, 2026
(DATE)

Revision 15 - Issued to endorse to 2018 edition of the IAEA Regulations for the Safe Transport of Radioactive Material, SSR-6 (Rev. 1), update the source identification, description source length, and to extend the expiration date .

| No. | Revision | Date | Appd |
|-----|------------------------------|------|------|
| 1 | Utseende justerat | 8804 | RL |
| 2 | Not tillk; se ÄM C0192 | 9436 | JT |
| 3 | Not tolkas tillk. ÄM C0480 | 9547 | KES |
| 4 | Pos 2 ritn. tillk. ÄM C1321 | 9745 | BTHO |
| 5 | See change order C1836 | 9930 | BON |
| 6 | DWG. numbers added. ÄM C2186 | 9951 | RL |
| 7 | See ECO-0000104 | 0506 | OLNI |



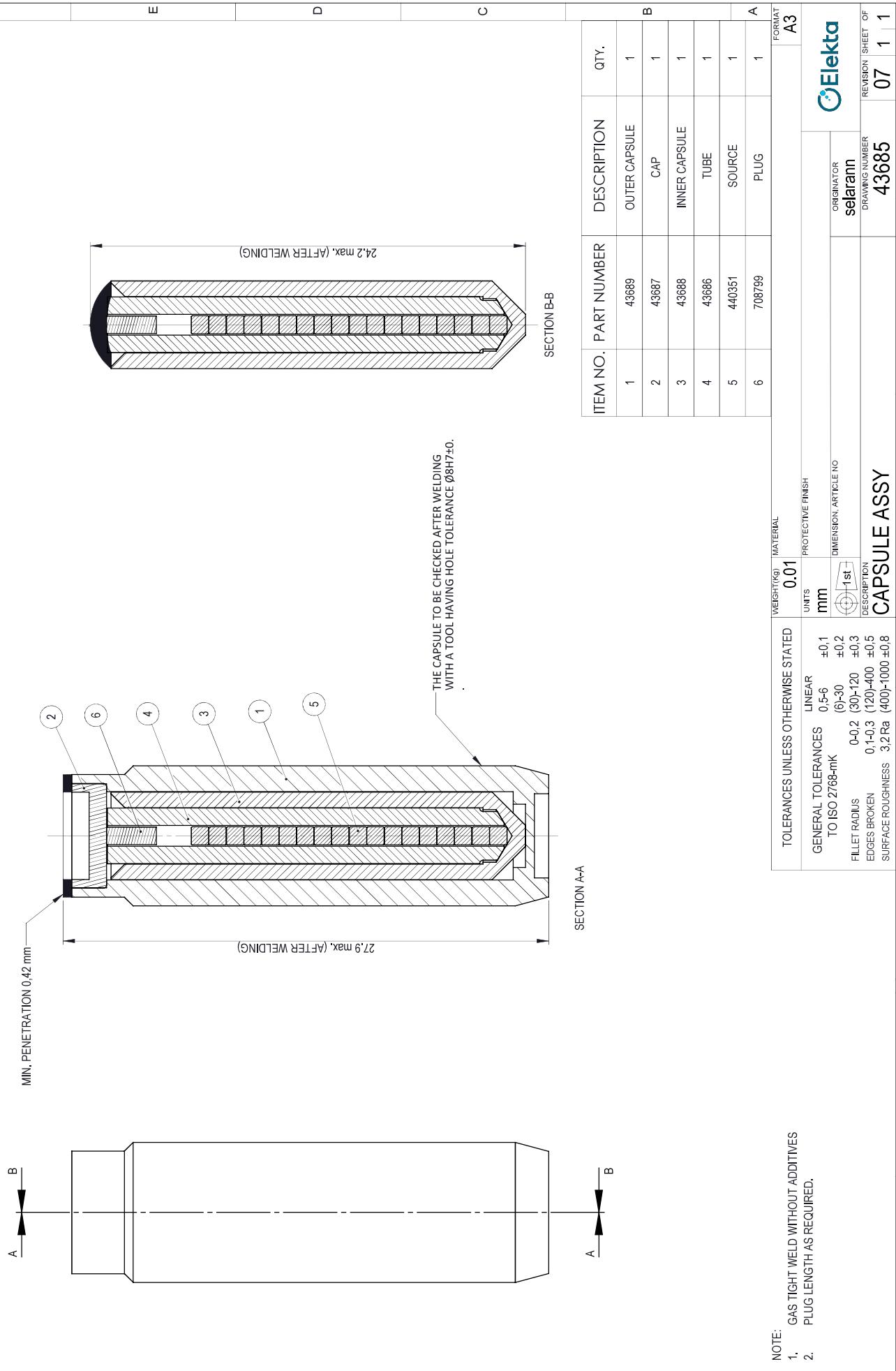
Kapseln tolkas med tolerans $\varnothing 8H7 \pm 0$ efter svetsning för att passa i bussning vid montering.

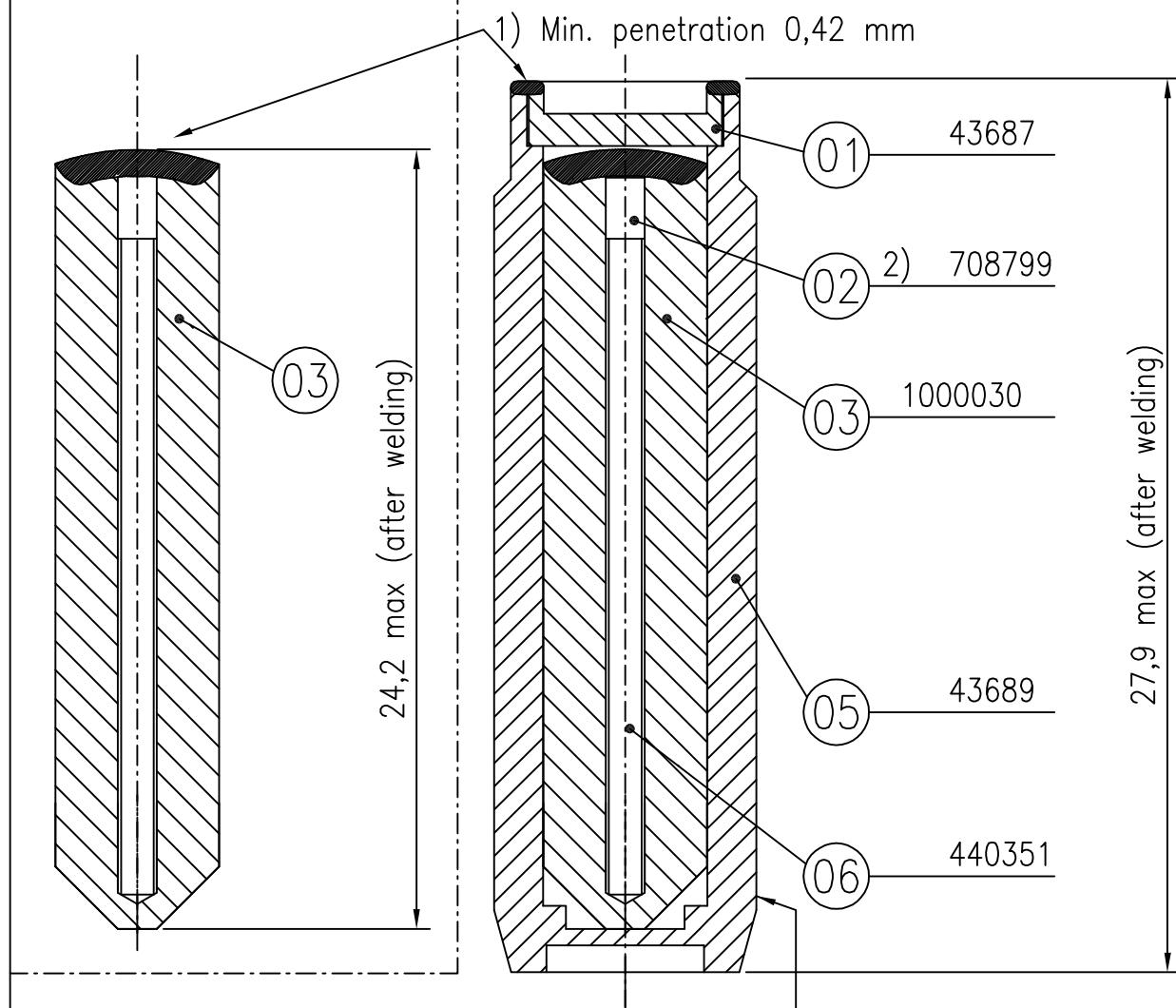
The capsule to be checked after welding with a tool having hole tolerance $\varnothing 8H7 \pm 0$.

1) Gastät svets utan tillsatser/ Gas tight weld without additives

Not/ Note: Teknisk specifikation/Technical Specification Art.No. 9-01863 0.010

| Item | Qty | Description | | Material | Dimension, Article no. | | Weight kg |
|-----------------------------------------|-----|-----------------------------------------|--|----------|------------------------|--------------------|-----------|
| Conditions where other not is specified | | Surface | | Welding | | Radius Sharp edges | |
| Date 84-04-17 | | Drawn KS | | Checked | □ | ◎ | 5:1 |
| | | | | Scale | Ref. 908786 | | |
| ELEKTA INSTRUMENT | | PREPARATKAPSEL SMST CAPSULE ASSEMBLY | | Sheet | Cont. | | |
| | | | | | 43047 | | |





1) Gastät svets utan tillsatser/ Gas tight weld without additives
2) Plug längd efter behov/ Plug length as required

Not/ Note: Teknisk specifikation/Technical Specification Art.No. 9-01863

0.010

| Item | Qty | Description | | Material | Dimension, Article no. | | Weight kg |
|----------------------------------------------------|---------------|------------------|-----|-----------------------|------------------------|----------------|-----------|
| Conditions where other not is specified Surface | | Welding | | Radius Sharp edges | | Tolerances | |
| Date 050701 | Drawn OLNi | Checked | □ ○ | Scale — | Ref. 1000028 | Sheet Cont. | |
| ELEKTA INSTRUMENT | | CAPSULE ASSEMBLY | | | | 1000029 | |



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CERTIFICATE NUMBER: USA/0245/S-96

ORIGINAL REGISTRANT(S) :

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