

(Letterhead of the end-user in the country of destination)

## End-user certificate (EUC) for dual-use goods

1. Name of supplier: Resistive Plate Chambers CMS group
2. Description of the goods, software or technology: Front-end boards. Ces biens sont soumis aux contrôles internationaux à l'exportation – Licence SECO LGE 8042828 / Goods subject to international export controls – Licence SECO LGE 8042828 FEB for iRPC containing ASICs, FPGAs, GBTSCA, GBTX and VTRX The ECCN code for assemblies containing FPGAs is 3A001.a.7. The ECCN code for assemblies containing ASICs is 3A001.a.1.a. Electronic components used in detection systems for data acquisition in scientific research labs. Fabrication date: early 2000s. Due to minor strip failures, these FEBs were rejected for use in the LHC experiment CMS.
3. Quantity: 2
4. Will the goods be incorporated? No  Yes   
If yes, into which product: Improved Resistive Plate Chambers
5. The goods, software or technology will only be used for (end-use): Use for research and education
6. Will the goods be used for military purposes? No  Yes   
If yes, the application must be specified:
7. Value in CHF: 160
8. Will the goods be distributed to third parties? No  Yes   
If yes, specify the end-user and its address: For research and education. Benemérita Universidad Autónoma de Puebla, Edificio de Energías Renovables CEEACC/ICUAP Val 4, Ecocampus Valsequillo, Kilómetro 1.7 carrera San Baltazar Tetela, San Pedro Zacachimalpa, C.P. 72960, Puebla, Mexico.
9. Full name and complete address of the end-user (incl. phone, fax, e-mail and website) and end-use location: Universidad Iberoamericana  
Prolongación Paseo de la Reforma número 880, Colonia Lomas de Santa Fe, Delegación Álvaro Obregón, C.P. 01219, Ciudad de México, Mexico.

10. I (we) certify:


- That the goods will be used only for the purpose stated and not be used in any nuclear explosive activity or unsafeguarded nuclear fuel-cycle activity or for the design, development, production, storage or use of nuclear, chemical and biological weapons or their delivery systems and for facilities engaged in such activities; the goods will also not be used for the development and the production of anti-personnel mines and cluster munition;
- That the goods will be delivered only to customers considered absolutely reliable in this regard;
- That I (we) will not transfer the goods, technology or software to a third country without the consent of the Swiss State Secretariat for Economic Affairs SECO. However, no consent is necessary for the re-export to the following countries: Argentina, Australia, Austria, Belgium, Bulgaria, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Great Britain, Hungary, Ireland, Italy, Japan, Luxemburg, Netherlands, New Zealand, Norway, Poland, Portugal, Republic of Korea, Spain, Sweden, Turkey and United States of America.

**Place and date:**

November 6, 2024  
Mexico City, Mexico.

**Original signature of the end-user or government official**

(Name and job title of signer in block letters)

  
GESURI MORALES LUNA  
HEAD OF THE PHYSICS AND MATHEMATICS DEPARTMENT  
UNIVERSIDAD IBEROAMERICANA

**Company stamp or official seal:**



DEPARTAMENTO  
DE FÍSICA  
Y MATEMÁTICAS