

Setting the standard in climate protection

TÜV NORD CERT – “Carbon Capture Ready” certification

It is expected that many new power plant projects will be implemented in Germany over the coming years as existing plants become due for renewal. These new plants will mostly be designed to run on fossil fuels, particularly coal.

The EU has set very demanding targets for the reduction of CO₂ emissions in Europe; by 2020 they should be 20 per cent lower than in 1990, and by 2050 the reduction should be as much as 60 to 80 per cent. CCS is the international abbreviation for Carbon Capture and Storage – a concept which is expected to play an important role in counteracting the greenhouse effect.

All over the world, considerable efforts are underway to make this technology available on a large scale for power plants and industrial installations. Against this background, operators are already required to design the new power plants of today and tomorrow so that the retrofitting of suitable CCS technology is possible – in other words, to provide for “Carbon Capture Readiness”.

Target groups for certification

The certification is directed towards operators of new or planned fossil-fuelled power plants and other CO₂-intensive installations, e.g. in the steel, cement and chemical industries.

Benefits of certification

TÜV NORD enjoys a high level of respect as an independent inspection organisation in the field of environmental and climate protection.

In relation to official bodies, successful “Carbon Capture Ready” certification provides neutral and valuable proof within approval procedures for future new projects.

In relation to the public, the certification creates additional confidence in statements made by power plant operators.



Prerequisites for certification

Certification according to the TÜV NORD Climate Change Standard TN-CC 006 is possible for planned or new (power) plants which were not put into operation prior to 2008. In addition to the technical aspects, consideration is also given to available space, transport and storage of CO₂.

Our know-how for your success

TÜV NORD CERT is a well-established and reliable partner for inspection and certification services. Our experts and auditors have extensive knowledge based on experience and are generally permanently employed by TÜV NORD. This guarantees independence and neutrality, and also means we can offer continuity in supporting our clients. The benefit to you is clear: our auditors accompany and support the development of your company and provide you with objective feedback.

The route to the certificate



Are you interested?

Please send us your response by fax.

We are looking forward to hearing from you.

Yes, I am interested in “Carbon Capture Ready” certification. Please contact me.

Sender (Please use block capitals)

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Further information and an overview of all our locations can be found at

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