

**A digitally signed document must fulfil 2 requirements:**

- **Nonrepudiation:** verify the origin of the document.
- **Integrity:** ensure the document has not been altered since it was created.

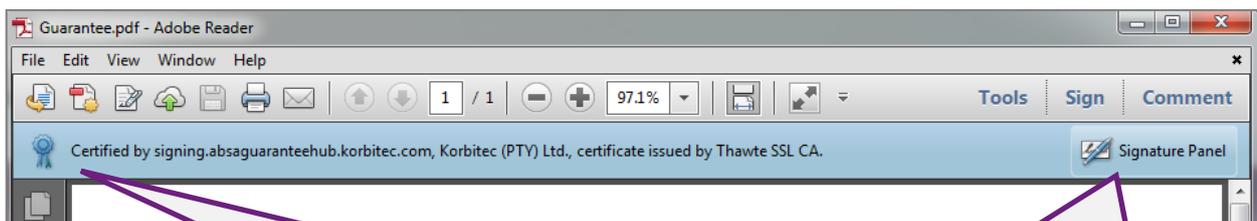
A digitally signed document produced by the Absa Guarantee Hub meets these criteria in 2 ways:

- A digital signature embedded by the Absa Guarantee Hub.
- Details of the personal digital certificate of the Absa Bond Panel Attorney(s) or Absa Attorney Consultant(s) who authorised the issuing of the document are included.

How to identify a legitimate guarantee:

NB: If your version of Adobe Reader does not display the digital certificate, please [click here](#) for steps to configure Adobe Reader to trust all Windows root certificates.

- The Absa Guarantee Hub digital signature is similar to an Identity Document or Passport in that it has several properties which make it unique. You are able to verify this signature by opening the PDF in a suitable software application such as Adobe Reader and ensuring the following characteristics are in place:

**1. Digital certificate banner**

The blue banner indicates the existence of the digital signature. The text should appear exactly as shown above.

Clicking on the **Signature Panel** button will reveal further important information about the signature.

Certified by signing.absaguaranteehub.korbitec.com

- No changes are allowed
- Valid certified Document:
 - Document has not been modified since it was certified
 - Signer's identity is valid
- Signing time is from the clock on the signer's computer.
- Signature is not LTV enabled and will expire after 2017/07/11
- Signature Details
 - Reason:
 - Location:
 - Certificate Details...
- Last Checked: 2013.07.12 15:55:34 +02'00'
- Field: Signature1 (invisible signature)

2. Guarantee properties
These properties should all appear as they do in this example.

Clicking on **Certificate Details...** reveals further details of the Absa Guarantee Hub digital signature.

Certificate Viewer

This dialog allows you to view the details of a certificate and its entire issuance chain. The details correspond to the selected entry.

Show all certification paths found

- thawte Primary Root CA
 - Thawte SSL CA
 - signing.absaguaranteehub.korbitec.com

Summary | **Details** | Revocation | Trust | Policies | Legal Notice

signing.absaguaranteehub.korbitec.com
Korbitec (PTY) Ltd.

Issued by: Thawte SSL CA
Thawte, Inc.

Valid from: 2013/07/11 02:00:00 +02'00'

Valid to: 2017/07/11 01:59:59 +02'00'

Intended usage: Sign transaction, Encrypt keys, Server Authentication, Client Authentication

Export...

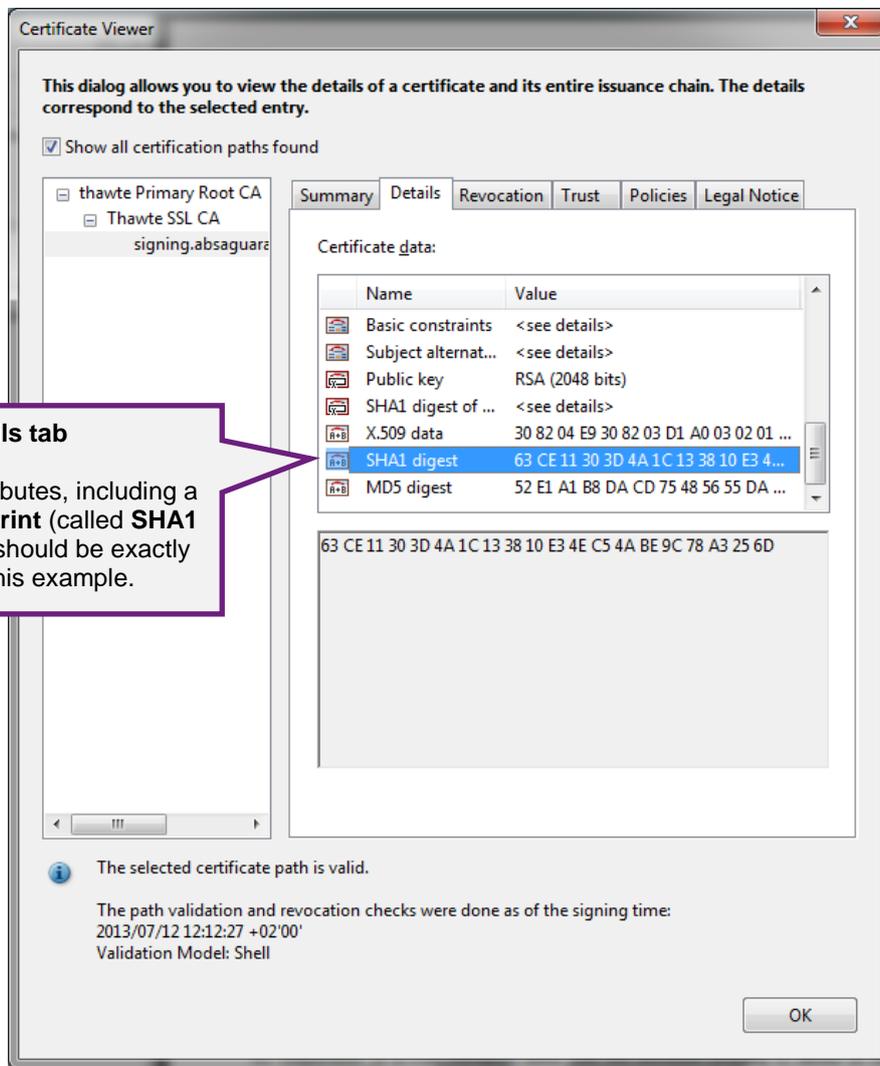
The selected certificate path is valid.

The path validation and revocation checks were done as of the signing time:
2013/07/12 12:12:27 +02'00'

Validation Model: Shell

OK

3. Validity dates
The date and time should be exactly as shown in this example.



4. Details tab

Several unique attributes, including a **certificate thumbprint** (called **SHA1 digest** in Adobe), should be exactly as shown in this example.

- Designated employees are given Power Of Attorney (POA) by Absa and are authorised to sign guarantees up to a certain amount on the Bank's behalf.
- Each of these individuals on the Absa Panel POA list has been issued a digital certificate by Korbitec which will ensure the person's identity is validated against their Identity Document or Passport and their details are associated with the guarantee issued.

Authorised by MadaleenB Test Attorney 1 and Issued by MadaleenB Test Attorney 2
 for Madaleen Bothma Test Attorney
 Signed electronically by the ABSA Guarantee Hub: 2013/07/05 13:48
 CN=MadaleenB Test Attorney 1
 CN=MadaleenB Test Attorney 2

5. Personal certificate of issuer

This will appear at the bottom of the document and includes information about the Attorney Firm and signatories.