



My HRD Antwerp

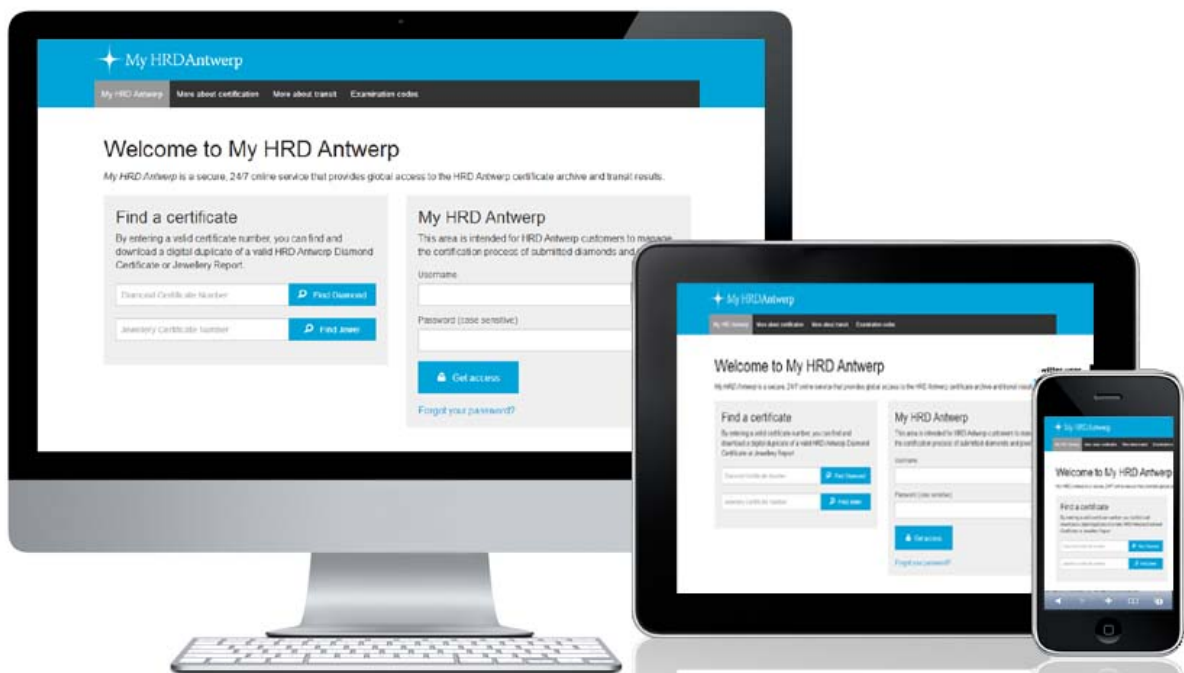


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Introduction

This manual will guide you while integrating our MyHRD API into your web application.

The MyHRD API accepts

- A simple URL that contains the report number and a password.

The MyHRD API returns

- XML string output containing:
 - All diamond Grading Report data or jewel report data depending on the type of report
 - URL to download the PDF of the Grading Report (if applicable)
 - Data of multiple report types for one single report number
- Diamond report results from January 1, 2009 on (cutgrade only)
- Jewel report results for of all reports issued
- PDF download for all type of reports issued from September 22, 2014 on

Components

Webservice

- <https://ws1.hrdantwerp.com>

Input

- Diamond report number only, no report type needed
- E.g. **14032624001**
- Jewel report number only, no report type needed
- E.g. **J1404739001**

Authentication

- A password is mandatory.
- The password is **CtBCNYwffc** (as from December 1, 2014)
- New passwords will be communicated by e-mail to your services prior to changes.

URL concatenation

[https://ws1.hrdantwerp.com/index.php?id=46&number=\[reportnumber\]&auth=CtBCNYwffc](https://ws1.hrdantwerp.com/index.php?id=46&number=[reportnumber]&auth=CtBCNYwffc)

Base url: <https://ws1.hrdantwerp.com/index.php?id=46>
 Report Parameter: &number=<**reportnumber**>
 Auth Parameter: &auth=<**password**>

Examples

- Diamond reports

<https://ws1.hrdantwerp.com/index.php?id=46&number=16020163003&auth=CtBCNYwffc>

- Jewel Reports

<https://ws1.hrdantwerp.com/index.php?id=46&number=J1404739001&auth=CtBCNYwffc>

XML-Output - Diamonds

Concept

```
<?xml version="1.0" encoding="utf-8"?>
<Report>
  <Info>This is the XML output of diamond/jewel with nr [reportnumber] certified by HRD Antwerp N.V.</Info>
  <ReportNumber>[reportnumber]</ReportNumber>
  <AvailableReports>
    <C>
      <ReportType>[text]</ReportType>
      <DateOfIssue>[date,yyyy-mm-dd]</DateOfIssue>

      <UriPDF>http://ws2.hrdantwerp.com/HRD.CertificateService.WebAPI/certificate?certificateNumber=\[reportnumber\]&certificateType=CERT</UriPDF>
    </C>
  </AvailableReports>
  <Results>
    <Shape>
      <ShapeCode>[text]</ShapeCode>
      <ShapeIndex>[text]</ShapeIndex>
    </Shape>
    <Carat>[decimal]</Carat>
    <ColourGrade>
      <ColourCode>[text]</ColourCode>
      <ColourDescription>[text]</ColourDescription>
      <ColourIndex>[text]</ColourIndex>
    </ColourGrade>
    <ClarityGrade>
      <ClarityCode>[text]</ClarityCode>
      <ClarityDescription>[text]</ClarityDescription>
      <ClarityIndex>[text]</ClarityIndex>
    </ClarityGrade>
    <Cut>
      <Proportions>
        <ProportionsCode>[text]</ProportionsCode>
        <ProportionsDescription>[text]</ProportionsDescription>
        <ProportionsIndex>[text]</ProportionsIndex>
      </Proportions>
      <Polish>
        <PolishCode>[text]</PolishCode>
        <PolishDescription>[text]</PolishDescription>
      </Polish>
      <Symmetry>
        <SymmetryCode>[text]</SymmetryCode>
        <SymmetryDescription>[text]</SymmetryDescription>
      </Symmetry>
    </Cut>
  </Results>
  <AdditionalInformation>
    <Fluorescence>
      <FluorescenceCode>[text]</FluorescenceCode>
      <FluorescenceDescription>[text]</FluorescenceDescription>
      <FluorescenceIndex>[text]</FluorescenceIndex>
    </Fluorescence>
    <Measurements>[text]</Measurements>
    <Girdle>
      <GirdleEval>[text]</GirdleEval>
      <GirdleNature>[text]</GirdleNature>
      <GirdleAvg>[decimal]</GirdleAvg>
      <GirdleDescription>[text]</GirdleDescription>
    </Girdle>
    <Culet>
      <CuletEval>[text]</CuletEval>
    </Culet>
  </AdditionalInformation>
</Report>
```

```

        <CuletCode>[text]</CuletCode>
        <CuletPercent>[decimal]</CuletPercent>
        <CuletDescription>[text]</CuletDescription>
    </Culet>
    <TotalDepth>
        <TotalDepthPercent>[decimal]</TotalDepthPercent>
        <TotalDepthDescription>[text]</TotalDepthDescription>
    </TotalDepth>

    <TableWidth>
        <TableWidthPercent>[decimal]</TableWidthPercent>
        <TableWidthDescription>[text]</TableWidthDescription>
    </TableWidth>
    <CrownHeight>
        <CrownHeightPercent>[decimal]</CrownHeightPercent>
        <CrownAngle>[decimal]</CrownAngle>
        <CrownHeightDescription>[text]</CrownHeightDescription>
    </CrownHeight>
    <PavilionDepth>
        <PavilionDepthPercent>[decimal]</PavilionDepthPercent>
        <PavilionAngle>[decimal]</PavilionAngle>
        <PavilionDepthDescription>[text]</PavilionDepthDescription>
    </PavilionDepth>
    <LengthHalvesCrown>
        <LengthHalvesCrownPercent>[decimal]</LengthHalvesCrownPercent>
        <LengthHalvesCrownDescription>[text]</LengthHalvesCrownDescription>
    </LengthHalvesCrown>
    <LengthHalvesPavilion>
        <LengthHalvesPavilionPercent>[decimal]</LengthHalvesPavilionPercent>
        <LengthHalvesPavilionDescription>[text]</LengthHalvesPavilionDescription>
    </LengthHalvesPavilion>
    <Sumab>
        <SumabAngle>[decimal]</SumabAngle>
        <SumabDescription>[text]</SumabDescription>
    </Sumab>
    <HeartsAndArrows>[text]</HeartsAndArrows>
    <Lab>[text]</Lab>
    <Origin>[text]</Origin>
    <Luminescence>
        <Sw>[text]</Sw>
        <Lw>[text]</Lw>
        <SwIndex>[text]</SwIndex>
        <LwIndex>[text]</LwIndex>
    </AdditionalInformation>
    <Remarks>
        <Remark>[text]</Remark>
    </Remarks>
    <Inscriptions>
        <Inscription>[text]</Inscription>
    </Inscriptions>
</Report>

```

Description (Diamond Reports)

Element	Format	Content	Example values
<Info>	Text	This is the XML output of diamond/jewel with nr [Reportnumber] certified by HRDAntwerp N.V.	This is the XML output of diamond/jewel with nr J1499945001 certified by HRDAntwerp N.V.
<Report>			
<ReportNumber>	Text	Report number	14999434002 (diamond report) J1499945001 (jewel report)
<AvailableReports> <C>	Text	Report type code	C (diamond certificate) CF (diamond colour certificate) MC (diamond identification report)
<ReportType>	Text	Report type name	Certificate Diamond Colour Certificate Diamond Identification report
<DateOfIssue>	Date	Date of issue (yyyy-mm-dd)	2014-11-21
<UrlPDF>	url	URL for download of pdf Empty if pdf not available	http://ws2.hrdantwerp.com /HRD.CertificateServiceTest.WebAPI /certificate?certificateNumber=14999434002 &certificateType=FCRT
</C>		Report type code – reprise	
<Results>			
<Shape>			
<ShapeCode>	Text	Shape code	Brilliant, pear, heart, ...
<ShapeIndex>	Text	Index in case of remarks for shape	1
<Carat>	Decimal	Weight in carat	1.01
<ColourGrade>			
<ColourCode>	Text	Colour code	F
<ColourDescription>	Text	Full Colour description	in case of regular colour: rare white +(F) in case of fancy colour: (1) fancy intense greyish green, natural colour
<ColourIndex>	Text	Index in case of remarks for colour	1
<ClarityGrade>			
<ClarityCode>	Text	clarity code	vs2
<ClarityDescription>	Text	clarity description	VS2
<ClarityIndex>	Text	Index in case of remarks for clarity	1
<Cut>			

<Proportions>			
<ProportionsCode>	Text	Proportions code	G
<ProportionsDescription>	Text	proportions description	Good
<ProportionsIndex/>	Text	Index in case of remarks for proportions	1
<Polish>			
<PolishCode>	Text	Polish code	EXC
<PolishDescription>	Text	Polish description	Excellent
<Symmetry>			
<SymmetryCode>	Text	Symmetry code	VG
<SymmetryDescription>	Text	Symmetry description	Very good
<AdditionalInformation>			
<Fluorescence>			
<FluorescenceCode>	Text	Fluorescence code (only for C, MC)	medium
<FluorescenceDescription>	Text	Translation for the fluorescence code	medium
<FluorescenceIndex/>	Text	Index in case of remarks for fluorescence	1
<Measurements>	Text	Measurements	6.21 - 6.24 mm x 4.13 mm
<Girdle>			
<GirdleEval>	Text	Girdle evaluation code	thick
<GirdleNature>	Text	Girdle nature code	FD
<GirdleAvg>	Decimal	girdle percentage (average)	6.0
<GirdleDescription>	Text	Girdle description	thick 6.0 % faceted
<Culet>			
<CuletEval>	Text	Culet evaluation code	large
<CuletNature>	Text	Culet nature code	pol
<CuletPercent>	Decimal	Culet percentage	4.0
<CuletDescription>	Text	Culet description	large 4.0% polished
<TotalDepth>			
<TotalDepthPercent>	Decimal	Total depth percentage	66.3
<TotalDepthDescription>	Text	total depth description	66.3 %
<TableWidth>			
<TableWidthPercent>	Decimal	Table width percentage	58
<TableWidthDescription>	Text	table width description	58 %
<CrownHeight>			
<CrownHeightPercent>	Decimal	Crown height percentage	17.0
<CrownHeightAngle>	Decimal	Crown angle (beta)	38.4
<CrownHeightDescription>	Text	Crown description	17.0 % (38.4 deg)
<PavilionDepth>			
<PavilionDepthPercent>	Decimal	Pavilion depth percentage	43.5

<PavilionDepthAngle>	Decimal	Pavilion angle (alfa)	41.1
<PavilionDepthDescription>	Text	Pavilion description	43.5 % (41.1 deg)
<LengthHalvesCrown>			
<LengthHalvesCrownPercent>	Decimal	length of halves on crown side percentage	50
<LengthHalvesCrownDescription>	Text	Description for length of halves on crown side	50 %
<LengthHalvesPavilion>			
<LengthHalvesPavilionPercent>	Decimal	length of halves on pavilion side percentage	75
<LengthHalvesPavilionDescription>	Text	Description for length of halves on pavilion side	75 %
<Sumab>			
<SumabAngle>	Decimal	Sum of crown and pavilion angle (beta+alfa)	79.5
<SumabDescription>	Text	Description for the sum of crown and pavilion angles (beta+alfa)	79.5 deg
<HeartsAndArrows>	Text	Hearts and arrows if present	H&A
<Lab>	Text	Lab of issue	HRDAntwerp
<Origin>	Text	Origin of the diamond	Natural
<Luminescence>			
<Sw>	Text	Short wave luminescence (only for CF)	slight
<Lw>	Text	Long wave luminescence (only for CF)	strong
<SwIndex>	Text	Index in case of remarks for short wave lum.	1
<LwIndex>	Text	Index in case of remarks for long wave lum.	2
<Remarks>			
<Remark>	Text	Concatenation of all indexes and remarks, separated by commas	(1) laser drilled, (2) graining is present
<Inscriptions>			
<Inscription>	Text	'laser inscription(s) on diamond' if present	laser inscription(s) on diamond

Example (Diamond Certificate or Diamond Identification report)

```
<?xml version="1.0" encoding="utf-8"?>
<Report>
  <Info>This is the XML output of diamond/jewel with nr [reportnumber]certified by HRDAntwerp N.V.</Info>
  <ReportNumber>[reportnumber]</ReportNumber>
  <AvailableReports>
    <C>
      <ReportType>Certificate</ReportType>
      <DateOfIssue>2014-11-28</DateOfIssue>
    </C>
  </AvailableReports>
  <UrlPDF>http://ws2.hrdantwerp.com/HRD.CertificateService.WebAPI/certificate?certificateNumber=14999681004&certificateType=CERT</UrlPDF>
  </C>
</AvailableReports>
<Results>
  <Shape>
    <ShapeCode>brilliant</ShapeCode>
    <ShapeIndex></ShapeIndex>
  </Shape>
  <Carat>0.76</Carat>
  <ColourGrade>
    <ColourCode>I</ColourCode>
    <ColourDescription>slightly tinted white+ (I) </ColourDescription>
    <ColourIndex></ColourIndex>
  </ColourGrade>
  <ClarityGrade>
    <ClarityCode>si2</ClarityCode>
    <ClarityDescription>SI2</ClarityDescription>
    <ClarityIndex></ClarityIndex>
  </ClarityGrade>
  <Cut>
    <Proportions>
      <ProportionsCode>EXC</ProportionsCode>
      <ProportionsDescription>excellent</ProportionsDescription>
      <ProportionsIndex></ProportionsIndex>
    </Proportions>
    <Polish>
      <PolishCode>EXC</PolishCode>
      <PolishDescription>excellent</PolishDescription>
    </Polish>
    <Symmetry>
      <SymmetryCode>EXC</SymmetryCode>
      <SymmetryDescription>excellent</SymmetryDescription>
    </Symmetry>
  </Cut>
</Results>
<AdditionalInformation>
  <Fluorescence>
    <FluorescenceCode>strong</FluorescenceCode>
    <FluorescenceDescription>strong</FluorescenceDescription>
    <FluorescenceIndex></FluorescenceIndex>
  </Fluorescence>
  <Measurements>6.36 - 6.41 mm x 4.00 mm</Measurements>
  <Girdle>
    <GirdleEval>medium</GirdleEval>
    <GirdleNature>FD</GirdleNature>
    <GirdleAvg>4.5</GirdleAvg>
    <GirdleDescription>medium 4.5 % faceted</GirdleDescription>
  </Girdle>
  <Culet>
    <CuletEval></CuletEval>
  </Culet>
</AdditionalInformation>
</Report>
```

```

    <CuletCode>ptd</CuletCode>
    <CuletPercent>0.0</CuletPercent>
    <CuletDescription>pointed</CuletDescription>
  </Culet>
  <TotalDepth>
    <TotalDepthPercent>62.6</TotalDepthPercent>
    <TotalDepthDescription>62.6 %</TotalDepthDescription>
  </TotalDepth>
  <TableWidth>
    <TableWidthPercent>58</TableWidthPercent>
    <TableWidthDescription>58 %</TableWidthDescription>
  </TableWidth>
  <CrownHeight>
    <CrownHeightPercent>14.0</CrownHeightPercent>
    <CrownAngle>33.5</CrownAngle>
    <CrownHeightDescription>14.0 % (33.5 deg)</CrownHeightDescription>
  </CrownHeight>
  <PavilionDepth>
    <PavilionDepthPercent>44.5</PavilionDepthPercent>
    <PavilionAngle>41.6</PavilionAngle>
    <PavilionDepthDescription>44.5 % (41.6 deg)</PavilionDepthDescription>
  </PavilionDepth>
  <LengthHalvesCrown>
    <LengthHalvesCrownPercent>50</LengthHalvesCrownPercent>
    <LengthHalvesCrownDescription>50 %</LengthHalvesCrownDescription>
  </LengthHalvesCrown>
  <LengthHalvesPavilion>
    <LengthHalvesPavilionPercent>75</LengthHalvesPavilionPercent>
    <LengthHalvesPavilionDescription>75 %</LengthHalvesPavilionDescription>
  </LengthHalvesPavilion>
  <Sumab>
    <SumabAngle>75.1</SumabAngle>
    <SumabDescription>75.1 deg</SumabDescription>
  </Sumab>
  <HeartsAndArrows></HeartsAndArrows>
  <Lab>HRDAntwerp</Lab>
  <Origin>Natural</Origin>
</AdditionalInformation>
<Remarks>
  <Remark></Remark>
</Remarks>
<Inscriptions>
  <Inscription></Inscription>
</Inscriptions>
</Report>

```

Example (Diamond Colour Certificate)

```
<?xml version="1.0" encoding="utf-8"?>
<Report>
  <Info>This is the XML output of diamond/jewel with nr [reportnumber] certified by HRD Antwerp N.V.</Info>
  <ReportNumber>[reportnumber]</ReportNumber>
  <AvailableReports>
    <CF>
      <ReportType>Diamond Colour Certificate</ReportType>
      <DateOfIssue>2014-09-17</DateOfIssue>

      <UrlPDF>http://ws2.hrdantwerp.com/HRD.CertificateService.WebAPI/certificate?certificateNumber=14999559001&certificateType=FCRT</UrlPDF>
    </CF>
  </AvailableReports>
  <Results>
    <Shape>
      <ShapeCode>brilliant</ShapeCode>
      <ShapeIndex></ShapeIndex>
    </Shape>
    <Carat>0.75</Carat>
    <ColourGrade>
      <ColourCode></ColourCode>
      <ColourDescription>fancy intense yellowish brown, undetermined colour origin</ColourDescription>
      <ColourIndex></ColourIndex>
    </ColourGrade>
    <ClarityGrade>
      <ClarityCode></ClarityCode>
      <ClarityDescription></ClarityDescription>
      <ClarityIndex></ClarityIndex>
    </ClarityGrade>
    <Cut>
      <Proportions>
        <ProportionsCode></ProportionsCode>
        <ProportionsDescription></ProportionsDescription>
        <ProportionsIndex></ProportionsIndex>
      </Proportions>
      <Polish>
        <PolishCode></PolishCode>
        <PolishDescription></PolishDescription>
      </Polish>
      <Symmetry>
        <SymmetryCode></SymmetryCode>
        <SymmetryDescription></SymmetryDescription>
      </Symmetry>
    </Cut>
  </Results>
  <AdditionalInformation>
    <Measurements>5.22 - 5.24 mm x 3.23 mm</Measurements>
    <Girdle>
      <GirdleEval></GirdleEval>
      <GirdleNature></GirdleNature>
      <GirdleAvg></GirdleAvg>
      <GirdleDescription></GirdleDescription>
    </Girdle>
    <Culet>
      <CuletEval></CuletEval>
      <CuletCode></CuletCode>
      <CuletPercent></CuletPercent>
      <CuletDescription></CuletDescription>
    </Culet>
    <TotalDepth>
      <TotalDepthPercent></TotalDepthPercent>
    </TotalDepth>
  </AdditionalInformation>
</Report>
```

```

        <TotalDepthDescription></TotalDepthDescription>
    </TotalDepth>
    <TableWidth>
        <TableWidthPercent></TableWidthPercent>
        <TableWidthDescription></TableWidthDescription>
    </TableWidth>
    <CrownHeight>
        <CrownHeightPercent></CrownHeightPercent>
        <CrownAngle></CrownAngle>
        <CrownHeightDescription></CrownHeightDescription>
    </CrownHeight>
    <PavilionDepth>
        <PavilionDepthPercent></PavilionDepthPercent>
        <PavilionAngle></PavilionAngle>
        <PavilionDepthDescription></PavilionDepthDescription>
    </PavilionDepth>
    <LengthHalvesCrown>
        <LengthHalvesCrownPercent></LengthHalvesCrownPercent>
        <LengthHalvesCrownDescription></LengthHalvesCrownDescription>
    </LengthHalvesCrown>
    <LengthHalvesPavilion>
        <LengthHalvesPavilionPercent></LengthHalvesPavilionPercent>
        <LengthHalvesPavilionDescription></LengthHalvesPavilionDescription>
    </LengthHalvesPavilion>
    <Sumab>
        <SumabAngle></SumabAngle>
        <SumabDescription></SumabDescription>
    </Sumab>
    <HeartsAndArrows></HeartsAndArrows>
    <Lab>HRDAntwerp</Lab>
    <Origin>Natural</Origin>
    <Luminescence>
        <Lw>nil</Lw>
        <LwIndex></LwIndex>
        <Sw>nil</Sw>
        <SwIndex></SwIndex>
    </Luminescence>
    </AdditionalInformation>
    <Remarks>
        <Remark></Remark>
    </Remarks>
    <Inscriptions>
        <Inscription></Inscription>
    </Inscriptions>
</Report>

```

XML-output - Jewels

Concept

```
<?xml version="1.0" encoding="utf-8"?>
<Report>
  <Info>This is the XML output of diamond/jewel with nr [reportnumber] certified by HRD Antwerp N.V.</Info>
  <ReportNumber>[reportnumber]</ReportNumber>
  <Description>
    <Title>Description</Title>
    <Value>[text]</Value>
  </Description>
  <AdditionalInfo>
    <Title>Additional information</Title>
    <Value>[text]</Value>
  </AdditionalInfo>
  <Remarks>
    <Title>Remarks</Title>
    <Value>[text]</Value>
  </Remarks>
  <WeightDiamonds>
    <Title>Weight Diamonds</Title>
    <Value>[decimal]</Value>
  </WeightDiamonds>
  <JewelType>
    <Title>Jewellery Type</Title>
    <Value>[text]</Value>
  </JewelType>
  <PreciousMetal>
    <Title>Precious Metal</Title>
    <Value>[text]</Value>
  </PreciousMetal>
  <AmountDiamonds>
    <Title>Amount Diamonds</Title>
    <Value>[number]</Value>
  </AmountDiamonds>
  <Details>
    <item0>
      <Quantity>[number]</Quantity>
      <Shape>[text]</Shape>
      <ColourGrade>[text]</ColourGrade>
      <ClarityGrade>[text]</ClarityGrade>
      <Symmetry>[text]</Symmetry>
      <Setting>[text]</Setting>
      <CaratData>
        <Minimum>[decimal]</Minimum>
        <Maximum>[decimal]</Maximum>
        <Total>[decimal]</Total>
        <Unit>[text]</Unit>
      </CaratData>
      <MeasurementsData>
        <MinLength>[decimal]</MinLength>
        <MaxLength>[decimal]</MaxLength>
        <MinWidth>[decimal]</MinWidth>
        <MaxWidth>[decimal]</MaxWidth>
        <Unit>[text]</Unit>
      </MeasurementsData>
      <Title>[text]</Title>
      <Carat>[text]</Carat>
      <Measurements>[text]</Measurements>
    </item0>
    <item1>
```

```

<Quantity>[number]</Quantity>
<Shape>[text]</Shape>
<ColourGrade>[text]</ColourGrade>
<ClarityGrade>[text]</ClarityGrade>
<Symmetry>[text]</Symmetry>
<Setting>[text]</Setting>
<CaratData>
  <Minimum>[decimal]</Minimum>
  <Maximum>[decimal]</Maximum>
  <Total>[decimal]</Total>
  <Unit>[text]</Unit>
</CaratData>
<MeasurementsData>
  <MinLength>[decimal]</MinLength>
  <MaxLength>[decimal]</MaxLength>
  <MinWidth>[decimal]</MinWidth>
  <MaxWidth>[decimal]</MaxWidth>
  <Unit>[text]</Unit>
</MeasurementsData>
<Title>[text]</Title>
<Carat>[text]</Carat>
<Measurements>[text]</Measurements>
</item1>
<item2>
  <Quantity>[number]</Quantity>
  <Shape>[text]</Shape>
  <ColourGrade>[text]</ColourGrade>
  <ClarityGrade>[text]</ClarityGrade>
  <Symmetry>[text]</Symmetry>
  <Setting>[text]</Setting>
  <CaratData>
    <Minimum>[decimal]</Minimum>
    <Maximum>[decimal]</Maximum>
    <Total>[decimal]</Total>
    <Unit>[text]</Unit>
  </CaratData>
  <MeasurementsData>
    <MinLength>[decimal]</MinLength>
    <MaxLength>[decimal]</MaxLength>
    <MinWidth>[decimal]</MinWidth>
    <MaxWidth>[decimal]</MaxWidth>
    <Unit>[text]</Unit>
  </MeasurementsData>
  <Title>[text]</Title>
  <Carat>[text]</Carat>
  <Measurements>[text]</Measurements>
</item2>
</Details>
<JewelReportTypes>
  <JCRT>
    <Title>Jewellery Report</Title>
    <Pdf>[boolean]</Pdf>
    <PdfURL>http://ws2.hrdAntwerp.com/HRD.CertificateService.WebAPI/certificate?certificateNumber=[reportn
umber]&certificateType=[JewelReportType]</PdfURL>
  </JCRT>
  <JMIN>
    <Title>Jewellery Report</Title>
    <Pdf>[boolean]</Pdf>
    <PdfURL>http://ws2.hrdAntwerp.com/HRD.CertificateService.WebAPI/certificate?certificateNumber=[reportn
umber]&certificateType=[JewelReportType]</PdfURL>
  </JMIN>
  <JCRD>
    <Title>Jewellery Report</Title>
    <Pdf>[boolean]</Pdf>
  </JCRD>

```

```
<PdfURL>http://ws2.hrdAntwerp.com/HRD.CertificateService.WebAPI/certificate?certificateNumber=[reportn  
umber]&certificateType=[JewelReportType]</PdfURL>  
</JCRD>  
</JewelReportTypes>  
<IssueDate>[date YYYY-MM-DDThh:mm:ss]</IssueDate>  
</Report>
```


Descriptor (Jewel report)

Element	Format	Content	Example values
<Report>			
<Info> <ReportNumber>	<i>Text</i> <i>Text</i>	Overall information Report number	This is the XML output of diamond/jewel with nr J1499945001 certified by HRD Antwerp N.V. J1499945001
<Description> <Value>	<i>Text</i>	Jewel description	One 18k white gold ring, stamped '750', weighing in total 7.36g, containing 33 diamonds with an estimated weight of 3.23ct
<AdditionalInfo> <Title> <Value>	<i>Text</i> <i>Text</i>	Title 'Additional Information' Additional Information	Additional Information GEB8219072
<Remarks> <Title> <Value>	<i>Text</i> <i>Text</i>	Title 'Remarks' Remarks	Remarks 2 additional pearls mounted in jewellery
<WeightDiamonds> <Title> <Value>	<i>Text</i> <i>Decimal</i>	Title 'Weight Diamonds' Weight of the diamonds	Weight Diamonds 3.23
<JewelType> <Title> <Value>	<i>Text</i> <i>Text</i>	Title 'Jewellery Type' Jewellery description	Jewellery Type Ring
<PreciousMetal> <Title> <Value>	<i>Text</i> <i>Text</i>	Title 'Precious Metal' Precious Metal Description	Precious Metal White Gold
<AmountDiamonds> <Title> <Value>	<i>Text</i> <i>Text</i>	Title 'Amount Diamonds' Total amount of diamonds	Amount Diamonds 33
<Details>			
<item0> <Quantity> <Shape> <ColourGrade> <ClarityGrade> <Symmetry> <Setting>	<item...> <i>Number</i> <i>Text</i> <i>Text</i> <i>Text</i> <i>Text</i>	Item per set of diamonds Diamond quantity in this set Shape description Colour grade description Clarity grade description Symmetry description Setting description	<Item0> or <item1> or <item2>, depending on the amount of diamond sets. 1 brilliant W(H) - STW+(I) VVS excellent - very good pavé

<CaratData> <Minimum> <Maximum/> <Total> <Unit>	<i>Decimal</i> <i>Decimal</i> <i>Decimal</i> <i>Text</i>	Minimum weight Maximum weight Total weight Unit description	0.03 0.04 0.66 ct
<MeasurementsData> <MinLength> <MaxLength> <MinWidth> <MaxWidth> <Unit> <Title> <Carat> <Measurements>	<i>Decimal</i> <i>Decimal</i> <i>Decimal</i> <i>Decimal</i> <i>Text</i> <i>Text</i> <i>Text</i>	Minimum length Maximum length Minimum width Maximum width Unit description Carat description Measurements description	2.1 2.2 1.2 1.5 mm approx 0.01 to 0.02 ct total approx. 0.22 ct approx 6,10 mm
<item1>, <item2>			Reprise of description above for <item0>
<JewelReportTypes> <JCRT> <Pdf> <PdfURL> <JMIN> <Pdf> <PdfURL> <JCRD> <Pdf> <PdfURL>	<i>Text</i> <i>Boolean</i> <i>Text</i> <i>Text</i> <i>Boolean</i> <i>Text</i> <i>Text</i> <i>Boolean</i> <i>Text</i>	Jewel report code Boolean for existence of PDF URL for retrieval of pdf Jewel report code Boolean for existence of PDF URL for retrieval of pdf Jewel report code Boolean for existence of PDF URL for retrieval of pdf	JCRT or JMIN or JCRD 1 or 0 http://ws2.hrdAntwerp.com/HRD.CertificateServiceTest.WebAPI/certificate?certificateNumber=[reportnumber]&certificateType=JCRT
<IssueDate>	<i>Date</i>	Date of issue	2014-09-03T00:00:00 (format YYYY-MM-DDThh:mm:ss)

Example (Jewel report)

```

<?xml version="1.0" encoding="utf-8"?>
<Report>
  <Info>This is the XML output of diamond/jewel with nr [reportnumber]certified by HRDAntwerp N.V.</Info>
  <ReportNumber>[reportnumber]</ReportNumber>
  <Description>
    <Title>Description</Title>
    <Value>One 18k white gold ring, stamped '750', 'Diamond WORLD', weighing in total 7.36g, containing 33 diamonds
with an estimated weight of 3.23ct</Value>
  </Description>
  <AdditionalInfo>
    <Title>Additional information</Title>
    <Value> GEB8219072</Value>
  </AdditionalInfo>
  <Remarks>
    <Title>Remarks</Title>
    <Value>2 additional pearls mounted in jewellery</Value>
  </Remarks>
  <WeightDiamonds>
    <Title>Weight Diamonds</Title>
    <Value>3.23</Value>
  </WeightDiamonds>
  <JewelType>
    <Title>Jewellery Type</Title>
    <Value>Ring</Value>
  </JewelType>
  <PreciousMetal>
    <Title>Precious Metal</Title>
    <Value>White Gold</Value>
  </PreciousMetal>
  <AmountDiamonds>
    <Title>Amount Diamonds</Title>
    <Value>33</Value>
  </AmountDiamonds>
  <Details>
    <item0>
      <Quantity>1</Quantity>
      <Shape>brilliant</Shape>
      <ColourGrade>EW+(D) - EW(E)</ColourGrade>
      <ClarityGrade>VS</ClarityGrade>
      <Symmetry>good</Symmetry>
      <Setting>prong</Setting>
      <CaratData>
        <Minimum>2.35</Minimum>
        <Maximum></Maximum>
        <Total>2.35</Total>
        <Unit>ct</Unit>
      </CaratData>
      <MeasurementsData>
        <MinLength></MinLength>
        <MaxLength></MaxLength>
        <MinWidth>7.5</MinWidth>
        <MaxWidth></MaxWidth>
        <Unit>mm</Unit>
      </MeasurementsData>
      <Title>1 diamond</Title>
      <Carat>approx 2.35 ct</Carat>
      <Measurements>approx 7,50 mm</Measurements>
    </item0>
    <item1>
      <Quantity>20</Quantity>

```

```

<Shape>brilliant</Shape>
<ColourGrade>EW(E) - RW+(F)</ColourGrade>
<ClarityGrade>VVS-VS</ClarityGrade>
<Symmetry>excellent - very good</Symmetry>
<Setting>pavé</Setting>
<CaratData>
  <Minimum>0.03</Minimum>
  <Maximum>0.04</Maximum>
  <Total>0.66</Total>
  <Unit>ct</Unit>
</CaratData>
<MeasurementsData>
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  <MaxLength></MaxLength>
  <MinWidth>1</MinWidth>
  <MaxWidth>1.3</MaxWidth>
  <Unit>mm</Unit>
</MeasurementsData>
<Title>20 diamonds</Title>
<Carat>approx 0.03 to 0.04 ct total approx 0.66 ct</Carat>
<Measurements>approx 1,00 to 1,30 mm</Measurements>
</item1>
<item2>
  <Quantity>12</Quantity>
  <Shape>brilliant</Shape>
  <ColourGrade>RW+(F) - RW(G)</ColourGrade>
  <ClarityGrade>VS</ClarityGrade>
  <Symmetry>very good - good</Symmetry>
  <Setting>pavé</Setting>
  <CaratData>
    <Minimum>0.01</Minimum>
    <Maximum>0.02</Maximum>
    <Total>0.22</Total>
    <Unit>ct</Unit>
  </CaratData>
  <MeasurementsData>
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    <MaxLength></MaxLength>
    <MinWidth>1.2</MinWidth>
    <MaxWidth>1.5</MaxWidth>
    <Unit>mm</Unit>
  </MeasurementsData>
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  <Carat>approx 0.01 to 0.02 ct total approx 0.22 ct</Carat>
  <Measurements>approx 1,20 to 1,50 mm</Measurements>
</item2>
</Details>
<JewelReportTypes>
  <JCRT>
    <Title>Jewellery Report</Title>
    <Pdf>1</Pdf>

    <PdfUrl>http://ws2.hrdAntwerp.com/HRD.CertificateServiceTest.WebAPI/certificate?certificateNumber=\[reportnumber\]&certificateType=JCRT</PdfUrl>
  </JCRT>
</JewelReportTypes>
<IssueDate>2014-07-24T00:00:00</IssueDate>
</Report>

```

Support

If you need any support on this manual please contact our helpdesk:



+32 3 222 06 82



ict@hrdantwerp.com