

cls-20171231\_cal

```
<?xml version="1.0" encoding="utf-8" standalone="yes"?>
<!-- Compliance Xpressware Instance Document http://www.complianceexpressware.com/
-->
<!-- Version: 1.0.0 --><!-- Creation date:13:58:44 GMT-0700 -->
<!-- Copyright (c) Compliance Xpressware, LLP. All Rights Reserved. -->
<link:linkbase xsi:schemaLocation="http://www.xbrl.org/2003/linkbase
http://www.xbrl.org/2003/xbrl-linkbase-2003-12-31.xsd"
xmlns:link="http://www.xbrl.org/2003/linkbase"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xlink="http://www.w3.org/1999/xlink">
  <link:roleRef roleURI="http://www.kelsotech.com/taxonomy/role/BalanceSheet"
xlink:type="simple" xlink:href="cls-20171231.xsd#role_BalanceSheet"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/BalanceSheet">
    <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CashAndCashEquivalents" xlink:label="CashAndCashEquivalents"
xlink:title="CashAndCashEquivalents"/>
    <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CurrentAssets" xlink:label="CurrentAssets"
xlink:title="CurrentAssets"/>
    <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CurrentAssets" xlink:to="CashAndCashEquivalents" use="optional"
order="3" weight="1"/>
    <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_TradeAndOtherCurrentReceivables"
xlink:label="TradeAndOtherCurrentReceivables"
xlink:title="TradeAndOtherCurrentReceivables"/>
    <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CurrentAssets" xlink:to="TradeAndOtherCurrentReceivables"
use="optional" order="4" weight="1"/>
    <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CurrentTaxAssetsCurrent" xlink:label="CurrentTaxAssetsCurrent"
xlink:title="CurrentTaxAssetsCurrent"/>
    <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CurrentAssets" xlink:to="CurrentTaxAssetsCurrent" use="optional"
order="5" weight="1"/>
    <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CurrentPrepaidExpenses" xlink:label="CurrentPrepaidExpenses"
xlink:title="CurrentPrepaidExpenses"/>
    <link:calculationArc xlink:type="arc"
```

cls-20171231\_cal

```
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CurrentAssets" xlink:to="CurrentPrepaidExpenses" use="optional"
order="6" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_Inventories" xlink:label="Inventories"
xlink:title="Inventories"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CurrentAssets" xlink:to="Inventories" use="optional" order="7"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_Assets" xlink:label="Assets" xlink:title="Assets"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Assets" xlink:to="CurrentAssets" use="optional" order="8" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_LongtermDeposits" xlink:label="LongtermDeposits"
xlink:title="LongtermDeposits"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Assets" xlink:to="LongtermDeposits" use="optional" order="9"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_PropertyPlantAndEquipment"
xlink:label="PropertyPlantAndEquipment" xlink:title="PropertyPlantAndEquipment"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Assets" xlink:to="PropertyPlantAndEquipment" use="optional" order="10"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_IntangibleAssetsOtherThanGoodwill"
xlink:label="IntangibleAssetsOtherThanGoodwill"
xlink:title="IntangibleAssetsOtherThanGoodwill"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Assets" xlink:to="IntangibleAssetsOtherThanGoodwill" use="optional"
order="11" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_TradeAndOtherCurrentPayables"
xlink:label="TradeAndOtherCurrentPayables"
xlink:title="TradeAndOtherCurrentPayables"/>
  <link:loc xlink:type="locator"
```

kl5-20171231\_cal

```
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_CurrentLiabilities" xlink:label="CurrentLiabilities"
xlink:title="CurrentLiabilities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CurrentLiabilities" xlink:to="TradeAndOtherCurrentPayables"
use="optional" order="15" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_CurrentTaxLiabilities" xlink:label="CurrentTaxLiabilities"
xlink:title="CurrentTaxLiabilities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CurrentLiabilities" xlink:to="CurrentTaxLiabilities" use="optional"
order="16" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_Liabilities" xlink:label="Liabilities"
xlink:title="Liabilities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Liabilities" xlink:to="CurrentLiabilities" use="optional" order="17"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_DeferredTaxLiabilityAsset"
xlink:label="DeferredTaxLiabilityAsset" xlink:title="DeferredTaxLiabilityAsset"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Liabilities" xlink:to="DeferredTaxLiabilityAsset" use="optional"
order="18" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_EquityAndLiabilities" xlink:label="EquityAndLiabilities"
xlink:title="EquityAndLiabilities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="EquityAndLiabilities" xlink:to="Liabilities" use="optional" order="19"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_IssuedCapital" xlink:label="IssuedCapital"
xlink:title="IssuedCapital"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_Equity" xlink:label="Equity" xlink:title="Equity"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
```

kls-20171231\_cal

```
xlink:from="Equity" xlink:to="IssuedCapital" use="optional" order="21"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="kls-20171231.xsd#kls_ObligationToIssueShares"
xlink:label="ObligationToIssueShares" xlink:title="ObligationToIssueShares"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Equity" xlink:to="ObligationToIssueShares" use="optional" order="22"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CapitalReserve" xlink:label="CapitalReserve"
xlink:title="CapitalReserve"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Equity" xlink:to="CapitalReserve" use="optional" order="23"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_RetainedEarnings" xlink:label="RetainedEarnings"
xlink:title="RetainedEarnings"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="Equity" xlink:to="RetainedEarnings" use="optional" order="24"
weight="1"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="EquityAndLiabilities" xlink:to="Equity" use="optional" order="25"
weight="1"/>
</link:calculationLink>
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/StockholdersEquity"
xlink:type="simple" xlink:href="kls-20171231.xsd#role_StockholdersEquity"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/StockholdersEquity"/>
  <link:roleRef roleURI="http://www.kelsotech.com/taxonomy/role/IncomeStatement"
xlink:type="simple" xlink:href="kls-20171231.xsd#role_IncomeStatement"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/IncomeStatement">
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_Revenue" xlink:label="Revenue" xlink:title="Revenue"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_GrossProfit" xlink:label="GrossProfit"
xlink:title="GrossProfit"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
```

kl5-20171231\_cal

```
xlink:from="GrossProfit" xlink:to="Revenue" use="optional" order="1" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CostOfSales" xlink:label="CostOfSales"
xlink:title="CostOfSales"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="GrossProfit" xlink:to="CostOfSales" use="optional" order="2"
weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ProfitLossFromOperatingActivities"
xlink:label="ProfitLossFromOperatingActivities"
xlink:title="ProfitLossFromOperatingActivities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ProfitLossFromOperatingActivities" xlink:to="GrossProfit"
use="optional" order="3" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_AdministrativeExpense" xlink:label="AdministrativeExpense"
xlink:title="AdministrativeExpense"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_OperatingExpense" xlink:label="OperatingExpense"
xlink:title="OperatingExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="AdministrativeExpense" use="optional"
order="5" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_KeyManagementPersonnelCompensation"
xlink:label="KeyManagementPersonnelCompensation"
xlink:title="KeyManagementPersonnelCompensation"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="KeyManagementPersonnelCompensation"
use="optional" order="6" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ResearchAndDevelopmentExpense"
xlink:label="ResearchAndDevelopmentExpense"
xlink:title="ResearchAndDevelopmentExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="ResearchAndDevelopmentExpense"
use="optional" order="7" weight="1"/>
```

cls-20171231\_cal

```
<link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_SalesAndMarketingExpense"
xlink:label="SalesAndMarketingExpense" xlink:title="SalesAndMarketingExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="SalesAndMarketingExpense" use="optional"
order="8" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_TravelExpense" xlink:label="TravelExpense"
xlink:title="TravelExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="TravelExpense" use="optional" order="9"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ProfessionalFeesExpense" xlink:label="ProfessionalFeesExpense"
xlink:title="ProfessionalFeesExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="ProfessionalFeesExpense" use="optional"
order="10" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ExpenseFromSharebasedPaymentTransactionsWithEmployees"
xlink:label="ExpenseFromSharebasedPaymentTransactionsWithEmployees"
xlink:title="ExpenseFromSharebasedPaymentTransactionsWithEmployees"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense"
xlink:to="ExpenseFromSharebasedPaymentTransactionsWithEmployees" use="optional"
order="11" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ServicesExpense" xlink:label="ServicesExpense"
xlink:title="ServicesExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="ServicesExpense" use="optional" order="12"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="cls-20171231.xsd#cls_InvestorRelations"
xlink:label="InvestorRelations" xlink:title="InvestorRelations"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="InvestorRelations" use="optional"
```

kls-20171231\_cal

```
order="13" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_GainsLossesOnExchangeDifferencesOnTranslationRecognisedInProfi
tOrLoss"
xlink:label="GainsLossesOnExchangeDifferencesOnTranslationRecognisedInProfitOrLoss
"
xlink:title="GainsLossesOnExchangeDifferencesOnTranslationRecognisedInProfitOrLoss
"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense"
xlink:to="GainsLossesOnExchangeDifferencesOnTranslationRecognisedInProfitOrLoss"
use="optional" order="14" weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_DepreciationAndAmortisationExpense"
xlink:label="DepreciationAndAmortisationExpense"
xlink:title="DepreciationAndAmortisationExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="DepreciationAndAmortisationExpense"
use="optional" order="15" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="kls-20171231.xsd#kls_BadDebtExpense" xlink:label="BadDebtExpense"
xlink:title="BadDebtExpense"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="OperatingExpense" xlink:to="BadDebtExpense" use="optional" order="16"
weight="1"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ProfitLossFromOperatingActivities" xlink:to="OperatingExpense"
use="optional" order="17" weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ProfitLossBeforeTax" xlink:label="ProfitLossBeforeTax"
xlink:title="ProfitLossBeforeTax"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ProfitLossBeforeTax" xlink:to="ProfitLossFromOperatingActivities"
use="optional" order="18" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_RevenueFromInterest" xlink:label="RevenueFromInterest"
xlink:title="RevenueFromInterest"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
```

cls-20171231\_cal

```
xlink:from="ProfitLossBeforeTax" xlink:to="RevenueFromInterest" use="optional"
order="19" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ImpairmentLossRecognisedInProfitOrLossIntangibleAssetsAndGoodw
ill"
xlink:label="ImpairmentLossRecognisedInProfitOrLossIntangibleAssetsAndGoodwill"
xlink:title="ImpairmentLossRecognisedInProfitOrLossIntangibleAssetsAndGoodwill"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ProfitLossBeforeTax"
xlink:to="ImpairmentLossRecognisedInProfitOrLossIntangibleAssetsAndGoodwill"
use="optional" order="20" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_InventoryWritedown2011" xlink:label="InventoryWritedown2011"
xlink:title="InventoryWritedown2011"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ProfitLossBeforeTax" xlink:to="InventoryWritedown2011" use="optional"
order="21" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_WritedownsReversalsOfPropertyPlantAndEquipment"
xlink:label="WritedownsReversalsOfPropertyPlantAndEquipment"
xlink:title="WritedownsReversalsOfPropertyPlantAndEquipment"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ProfitLossBeforeTax"
xlink:to="WritedownsReversalsOfPropertyPlantAndEquipment" use="optional"
order="22" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ComprehensiveIncome" xlink:label="ComprehensiveIncome"
xlink:title="ComprehensiveIncome"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ComprehensiveIncome" xlink:to="ProfitLossBeforeTax" use="optional"
order="23" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CurrentTaxExpenseIncome" xlink:label="CurrentTaxExpenseIncome"
xlink:title="CurrentTaxExpenseIncome"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_IncomeTaxExpenseContinuingOperations"
xlink:label="IncomeTaxExpenseContinuingOperations"
xlink:title="IncomeTaxExpenseContinuingOperations"/>
```

cls-20171231\_cal

```
<link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncomeTaxExpenseContinuingOperations"
xlink:to="CurrentTaxExpenseIncome" use="optional" order="25" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_DeferredTaxExpenseIncome"
xlink:label="DeferredTaxExpenseIncome" xlink:title="DeferredTaxExpenseIncome"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncomeTaxExpenseContinuingOperations"
xlink:to="DeferredTaxExpenseIncome" use="optional" order="26" weight="1"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="ComprehensiveIncome" xlink:to="IncomeTaxExpenseContinuingOperations"
use="optional" order="27" weight="-1"/>
</link:calculationLink>
  <link:roleRef roleURI="http://www.kelsotech.com/taxonomy/role/CashFlows"
xlink:type="simple" xlink:href="cls-20171231.xsd#role_CashFlows"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/CashFlows">
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CashFlowsFromUsedInOperationsBeforeChangesInWorkingCapital"
xlink:label="CashFlowsFromUsedInOperationsBeforeChangesInWorkingCapital"
xlink:title="CashFlowsFromUsedInOperationsBeforeChangesInWorkingCapital"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CashFlowsFromUsedInOperatingActivities"
xlink:label="CashFlowsFromUsedInOperatingActivities"
xlink:title="CashFlowsFromUsedInOperatingActivities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CashFlowsFromUsedInOperatingActivities"
xlink:to="CashFlowsFromUsedInOperationsBeforeChangesInWorkingCapital"
use="optional" order="12" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_AdjustmentsForDecreaseIncreaseInTradeAccountReceivable"
xlink:label="AdjustmentsForDecreaseIncreaseInTradeAccountReceivable"
xlink:title="AdjustmentsForDecreaseIncreaseInTradeAccountReceivable"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_IncreaseDecreaseInWorkingCapital"
xlink:label="IncreaseDecreaseInWorkingCapital"
xlink:title="IncreaseDecreaseInWorkingCapital"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
```

cls-20171231\_cal

```
xlink:from="IncreaseDecreaseInWorkingCapital"
xlink:to="AdjustmentsForDecreaseIncreaseInTradeAccountReceivable" use="optional"
order="14" weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="cls-20171231.xsd#cls_AdjustmentsForDecreaseIncreaseInIncomeTaxReceivable"
xlink:label="AdjustmentsForDecreaseIncreaseInIncomeTaxReceivable"
xlink:title="AdjustmentsForDecreaseIncreaseInIncomeTaxReceivable"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInWorkingCapital"
xlink:to="AdjustmentsForDecreaseIncreaseInIncomeTaxReceivable" use="optional"
order="15" weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="cls-20171231.xsd#cls_AdjustmentsForDecreaseIncreaseInPrepaidExpensesAndDeposit"
xlink:label="AdjustmentsForDecreaseIncreaseInPrepaidExpensesAndDeposit"
xlink:title="AdjustmentsForDecreaseIncreaseInPrepaidExpensesAndDeposit"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInWorkingCapital"
xlink:to="AdjustmentsForDecreaseIncreaseInPrepaidExpensesAndDeposit"
use="optional" order="16" weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_AdjustmentsForDecreaseIncreaseInInventories"
xlink:label="AdjustmentsForDecreaseIncreaseInInventories"
xlink:title="AdjustmentsForDecreaseIncreaseInInventories"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInWorkingCapital"
xlink:to="AdjustmentsForDecreaseIncreaseInInventories" use="optional" order="17"
weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-03-09.xsd#ifrs-full_AdjustmentsForIncreaseDecreaseInTradeAccountPayable"
xlink:label="AdjustmentsForIncreaseDecreaseInTradeAccountPayable"
xlink:title="AdjustmentsForIncreaseDecreaseInTradeAccountPayable"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInWorkingCapital"
xlink:to="AdjustmentsForIncreaseDecreaseInTradeAccountPayable" use="optional"
order="18" weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="cls-20171231.xsd#cls_AdjustmentsForIncreaseDecreaseInIncomeTaxPayable"
xlink:label="AdjustmentsForIncreaseDecreaseInIncomeTaxPayable"
xlink:title="AdjustmentsForIncreaseDecreaseInIncomeTaxPayable"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
```

cls-20171231\_cal

```
xlink:from="IncreaseDecreaseInWorkingCapital"
xlink:to="AdjustmentsForIncreaseDecreaseInIncomeTaxPayable" use="optional"
order="19" weight="-1"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CashFlowsFromUsedInOperatingActivities"
xlink:to="IncreaseDecreaseInWorkingCapital" use="optional" order="20"
weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_IncreaseDecreaseInCashAndCashEquivalents"
xlink:label="IncreaseDecreaseInCashAndCashEquivalents"
xlink:title="IncreaseDecreaseInCashAndCashEquivalents"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInCashAndCashEquivalents"
xlink:to="CashFlowsFromUsedInOperatingActivities" use="optional" order="21"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_PurchaseOfIntangibleAssetsClassifiedAsInvestingActivities"
xlink:label="PurchaseOfIntangibleAssetsClassifiedAsInvestingActivities"
xlink:title="PurchaseOfIntangibleAssetsClassifiedAsInvestingActivities"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CashFlowsFromUsedInInvestingActivities"
xlink:label="CashFlowsFromUsedInInvestingActivities"
xlink:title="CashFlowsFromUsedInInvestingActivities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CashFlowsFromUsedInInvestingActivities"
xlink:to="PurchaseOfIntangibleAssetsClassifiedAsInvestingActivities"
use="optional" order="23" weight="-1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_PurchaseOfPropertyPlantAndEquipmentClassifiedAsInvestingActivi
ties"
xlink:label="PurchaseOfPropertyPlantAndEquipmentClassifiedAsInvestingActivities"
xlink:title="PurchaseOfPropertyPlantAndEquipmentClassifiedAsInvestingActivities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CashFlowsFromUsedInInvestingActivities"
xlink:to="PurchaseOfPropertyPlantAndEquipmentClassifiedAsInvestingActivities"
use="optional" order="24" weight="-1"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInCashAndCashEquivalents"
xlink:to="CashFlowsFromUsedInInvestingActivities" use="optional" order="25"
```

kls-20171231\_cal

```
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_ProceedsFromIssuingShares"
xlink:label="ProceedsFromIssuingShares" xlink:title="ProceedsFromIssuingShares"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_CashFlowsFromUsedInFinancingActivities"
xlink:label="CashFlowsFromUsedInFinancingActivities"
xlink:title="CashFlowsFromUsedInFinancingActivities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CashFlowsFromUsedInFinancingActivities"
xlink:to="ProceedsFromIssuingShares" use="optional" order="27" weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_DividendsPaidClassifiedAsFinancingActivities"
xlink:label="DividendsPaidClassifiedAsFinancingActivities"
xlink:title="DividendsPaidClassifiedAsFinancingActivities"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="CashFlowsFromUsedInFinancingActivities"
xlink:to="DividendsPaidClassifiedAsFinancingActivities" use="optional" order="28"
weight="-1"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInCashAndCashEquivalents"
xlink:to="CashFlowsFromUsedInFinancingActivities" use="optional" order="29"
weight="1"/>
  <link:loc xlink:type="locator"
xlink:href="http://xbrl.ifrs.org/taxonomy/2017-03-09/full_ifrs/full_ifrs-cor_2017-
03-09.xsd#ifrs-full_EffectOfExchangeRateChangesOnCashAndCashEquivalents"
xlink:label="EffectOfExchangeRateChangesOnCashAndCashEquivalents"
xlink:title="EffectOfExchangeRateChangesOnCashAndCashEquivalents"/>
  <link:calculationArc xlink:type="arc"
xlink:arcrole="http://www.xbrl.org/2003/arcrole/summation-item"
xlink:from="IncreaseDecreaseInCashAndCashEquivalents"
xlink:to="EffectOfExchangeRateChangesOnCashAndCashEquivalents" use="optional"
order="30" weight="1"/>
</link:calculationLink>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfNatureOfOper
ationsExplanatoryDetails" xlink:type="simple"
xlink:href="kls-20171231.xsd#role_DisclosureDisclosureOfNatureOfOperationsExplanat
oryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfNatureOfO
perationsExplanatoryDetails"/>
```

cls-20171231\_cal

```
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfBasisOfPreparationOfFinancialStatementsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfBasisOfPreparationOfFinancialStatementsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfBasisOfPreparationOfFinancialStatementsExplanatoryDetails"/>
    <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfSummaryOfSignificantAccountingPoliciesExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfSummaryOfSignificantAccountingPoliciesExplanatoryDetails"/>
      <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfSummaryOfSignificantAccountingPoliciesExplanatoryDetails"/>
        <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfFinancialInstrumentsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfFinancialInstrumentsExplanatoryDetails"/>
          <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfFinancialInstrumentsExplanatoryDetails"/>
            <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfInventoriesExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfInventoriesExplanatoryDetails"/>
              <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfInventoriesExplanatoryDetails"/>
                <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfPropertyPlantAndEquipmentExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfPropertyPlantAndEquipmentExplanatoryDetails"/>
                  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfPropertyPlantAndEquipmentExplanatoryDetails"/>
                    <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIntangibleAssetsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfIntangibleAssetsExplanatoryDetails"/>
                      <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIntangibleAssetsExplanatoryDetails"/>
```

klS-20171231\_cal

```
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIssuedCapitalExplanatoryDetails" xlink:type="simple"
xlink:href="klS-20171231.xsd#role_DisclosureDisclosureOfIssuedCapitalExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIssuedCapitalExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfRelatedPartyExplanatoryDetails" xlink:type="simple"
xlink:href="klS-20171231.xsd#role_DisclosureDisclosureOfRelatedPartyExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfRelatedPartyExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfCommitmentsExplanatoryDetails" xlink:type="simple"
xlink:href="klS-20171231.xsd#role_DisclosureDisclosureOfCommitmentsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfCommitmentsExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIncomeTaxExplanatoryDetails" xlink:type="simple"
xlink:href="klS-20171231.xsd#role_DisclosureDisclosureOfIncomeTaxExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIncomeTaxExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfSegmentsMajorCustomersExplanatoryDetails" xlink:type="simple"
xlink:href="klS-20171231.xsd#role_DisclosureDisclosureOfSegmentsMajorCustomersExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfSegmentsMajorCustomersExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEmployeeBenefitsExplanatoryDetails" xlink:type="simple"
xlink:href="klS-20171231.xsd#role_DisclosureDisclosureOfEmployeeBenefitsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEmployeeBenefitsExplanatoryDetails"/>
```

cls-20171231\_cal

```
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEntitysReportableSegmentsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfEntitysReportableSegmentsExplanatoryDetails"/>
<link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEntitysReportableSegmentsExplanatoryDetails"/>
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEventsAfterReportingPeriodExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfEventsAfterReportingPeriodExplanatoryDetails"/>
<link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEventsAfterReportingPeriodExplanatoryDetails"/>
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIntangibleAssetsWithIndefiniteUsefulLifeExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfIntangibleAssetsWithIndefiniteUsefulLifeExplanatoryDetails"/>
<link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfIntangibleAssetsWithIndefiniteUsefulLifeExplanatoryDetails"/>
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutEstimatedUsefulLifeOrDepreciationRateTableTextBlockDetails"
xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutEstimatedUsefulLifeOrDepreciationRateTableTextBlockDetails"/>
<link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutEstimatedUsefulLifeOrDepreciationRateTableTextBlockDetails"/>
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutForeignCurrencyRiskExplanatoryTableTextBlockDetails"
xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutForeignCurrencyRiskExplanatoryTableTextBlockDetails"/>
<link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutForeignCurrencyRiskExplanatoryTableTextBlockDetails"/>
<link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutInventoriesExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutInventoriesExplanatoryDetails"/>
<link:calculationLink xlink:type="extended"
```

cls-20171231\_cal

```
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutInventoriesExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutPropertyPlantAndEquipmentExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutPropertyPlantAndEquipmentExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutPropertyPlantAndEquipmentExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutIntangibleAssetsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutIntangibleAssetsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutIntangibleAssetsExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfNumberAndWeightedAverageRemainingContractualLifeOfOutstandingShareOptionsExplanatoryDetails"
xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfNumberAndWeightedAverageRemainingContractualLifeOfOutstandingShareOptionsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfNumberAndWeightedAverageRemainingContractualLifeOfOutstandingShareOptionsExplanatoryDetails"
"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfNumberAndWeightedAverageExercisePricesOfShareOptionsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfNumberAndWeightedAverageExercisePricesOfShareOptionsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfNumberAndWeightedAverageExercisePricesOfShareOptionsExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutOptionsValuationAssumptionsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutOptionsValuationAssumptionsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInformationAboutOptionsValuationAssumptionsExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfInformationAboutKeyManagementPersonnelExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfInformationAboutKeyManagementPersonnelExplanatoryDetails"/>
```

cls-20171231\_cal

```
entPersonnelExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfInformati
onAboutKeyManagementPersonnelExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfMaturityAnal
ysisOfOperatingLeasePaymentsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfMaturityAnalysisOfOperatin
gLeasePaymentsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfMaturityA
nalysisOfOperatingLeasePaymentsExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDeferredTaxe
sExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDeferredTaxesExplanatoryDe
tails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDeferredT
axesExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfTemporaryDif
ferenceUnusedTaxLossesAndUnusedTaxCreditsExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfTemporaryDifferenceUnusedT
axLossesAndUnusedTaxCreditsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfTemporary
DifferenceUnusedTaxLossesAndUnusedTaxCreditsExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInfo
rmationAboutEffectiveIncomeTaxExpenseRecoveryExplanatoryDetails"
xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutEf
fectiveIncomeTaxExpenseRecoveryExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedI
nformationAboutEffectiveIncomeTaxExpenseRecoveryExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedInfo
rmationAboutSupplementalCashFlowInformationExplanatoryDetails" xlink:type="simple"
xlink:href="cls-20171231.xsd#role_DisclosureDisclosureOfDetailedInformationAboutSu
pplementalCashFlowInformationExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfDetailedI
nformationAboutSupplementalCashFlowInformationExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfCashAndCashE
quivalentsExplanatoryDetails" xlink:type="simple"
```

kls-20171231\_cal

```
xlink:href="kls-20171231.xsd#role_DisclosureDisclosureOfCashAndCashEquivalentExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfCashAndCashEquivalentExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEarningsPerShareExplanatoryDetails" xlink:type="simple"
xlink:href="kls-20171231.xsd#role_DisclosureDisclosureOfEarningsPerShareExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfEarningsPerShareExplanatoryDetails"/>
  <link:roleRef
roleURI="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfOperatingSegmentsExplanatoryDetails" xlink:type="simple"
xlink:href="kls-20171231.xsd#role_DisclosureDisclosureOfOperatingSegmentsExplanatoryDetails"/>
  <link:calculationLink xlink:type="extended"
xlink:role="http://www.kelsotech.com/taxonomy/role/DisclosureDisclosureOfOperatingSegmentsExplanatoryDetails"/>
</link:linkbase>
```