

SUMMA

**N.K. CONTRACTING CO.,LTD.
MECHANICAL & CIVIL WORK**



คุณภาพนำหน้า ลูกค้าพอใจ พัฒนาก้าวไกล ใส่ใจบริการ

We commit in improving ourselves to meet maximum customer satisfaction by delivering qualified products and services to all of our clients.



Management
System
ISO 9001:2015



www.tuv.com
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CONTENT

Introduction 2.

Company Profile

Our Team

Our Facilities 3.

Our Capabilities

Our customers

Fields of Application 4.

Software

Fabrication 5.

Platework

Steel Structure

Tank Erection

Cyclone

Pipe / Pipe spool

Our Scope of Supply 6.

Mining

Paper and Pulp Mill 7.

Infrastructure 8.

Chemical Plant

Particle Board Plant 9.

Sanitary Plant

Manufacturing Capabilities 10.

Global Project Data 11.

Annual Statistics

Safe working loads 12.

Individual Certification

Note 13.

14.



Our Company

Summa N.K. Contracting Co., Ltd. (Summa) is a leading steel fabricator in Thailand and currently expanding our services across the world. Since we have been working with international clients for over a decade, we have become specialised in steel structure and platework for heavy industries such as mining industry. Apart from these, our supply includes fabrication of piping spool, pressure vessels, tank, ducting work, thickener and floatation. Along the side, we offer services in machine installation, insulation work, painting and site erection

Our commitment have brought us repeating clients for all these times, and hence it has led us toward a continual improvement of cost effectiveness without compromising on the best quality of work and optimal delivery time.

The category of our services provided shall be dedicated but not limited to...



Fabrication services



Electrical work



Piping & Insulation work



Civil work



Machine Installation



Maintenance & Shutdown work

Our Team

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Introduction

Facilities



Workshop
:15,000 sqm.



Office Area Premise
: 1,785 sqm.



Blasting & Painting
Indoor : 130 sqm.
Paint : 1,200 sqm



Workshop/Fabrication
: 8,000 sqm.



Number of
Employees
: 220 Persons



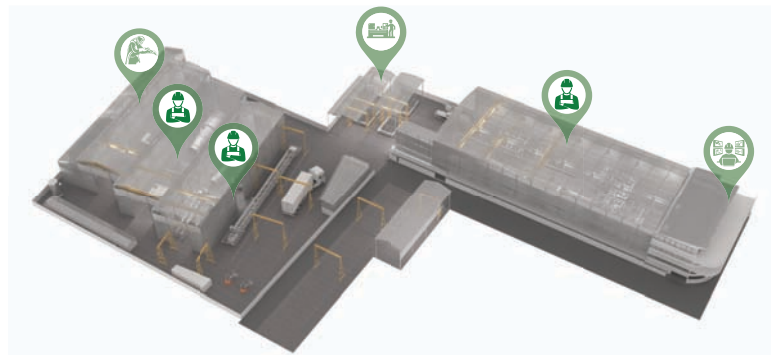
Stock Yard
:16,000 sqm.



Trial Assembly



Packing & Loading



Workshop I



Our Capabilities

- Average 300 tons per month.
- As requirement maximum to be done 200,000 DB for piping work
5,000 tons for machine installation.

Our Customers





Fields of Application

Mining
Paint Manufacturing Plant
Steel Plant
Food Plant
Copper Plant
Ceramic Plant
Particle Board Plant
MDF Plant
Solvent Extraction Plant
Construction
Upstream Petrochemical Plant
Downstream Petrochemical Plant
Paper and Pulp Mill
Refinery
Glass Plant
Starch Plant
Power Plant
Tyre Plant
Chemical Plant
Sanitary Plant
Biomass Plant

Types of Software :

A AUTODESK®
AUTOCAD®

I AUTODESK®
INVENTOR®

G GstarCAD 2019
Accomplish your design faster

FOR **N** AUTODESK
NAVISWORKS

A AUTODESK®
ADVANCE STEEL
2019

ex.lantek expert



Our Fabrication Services



Platework

Steel & Stainless fabrication
Including

- ☐ : Wear liner
- ☐ : Rubber lining
- ☐ : Ceramic / Plastic

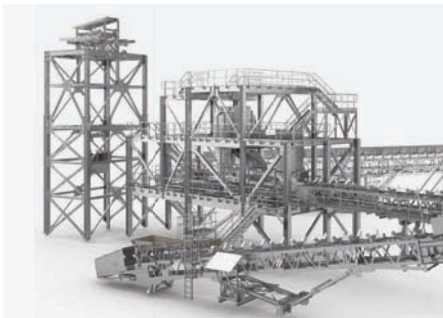


Structural Steel

- ☐ : Trial Assembly per requirement

Equipment & Mechanical installation

- ☐ : Bearing housing , Etc.



Tank Erection

Internal lining

- ☐ : Rubber , Insulation FRP , Stainless Coil , etc.
- ☐ Internal Coating
- ☐ Polyurethanes



Pipe / Pipe spool

- ☐ ASME Standard for Equipment
- ☐ : Assembly , Pressure Test
- ☐ : Welding

Internal Lining

- ☐ : Polyurethanes



Cyclone / Duct

Internal lining

- ☐ : Rubber , Insulation FRP

- ☐ Assembly & Installation on site



Manufacturing Capabilities

CNC Cutting Machine

Plate Rolling Machine

Machine

Shearing Machine , Bending Machine
Milling Machine , Lathe
Band Saw Machine
Manual Blasting

Auto Blasting

Welding

Standard/Code
Base Material

Process

Load Dimension 3000mm x 9000+mm , Pro Arch Master 40 , Thermatech.

HEL3-25120 / Plate length 3m : 25mm Thickness

AMADA (HA - 400) ,
AMADA (H - 650HD)
Lath Machine 7ft, 8ft ,12ft
AMADA (HA - 500)

Vacum W-floor system :
Chamber Dimension 8000mm x 16000mm x 5000mm
Load Dimension : 1500mm x 6000mm x 1500mm

AWS D1.1 :2015, ASME IX :2017

JIS G3101 SS400 , JIS G3106 SM490 , SA240 Type 304 ,
BISPLATE 400, BISPLATE 80 , SA240 Type304 , SA240 Type 304
FCAW , SMAW , GTAW , GMAW

Quality Control



Destructive Test
(DT)
Non-Destructive Test
(NDT)



Surface Treatment



Trial Assembly

Packing and Loading

Plant Inspection Service

Quality assurance & Quality control

Welding Solution

- | | | |
|---|-------------------------------|--------------------------------|
| <input type="radio"/> Inspection & Testing Plan | <input type="radio"/> ASME IX | <input type="radio"/> AWS D1.1 |
| <input type="radio"/> WPS : Welding Procedure Specification | <input type="radio"/> ASME IX | <input type="radio"/> AWS D1.1 |
| <input type="radio"/> PQR : Procedure Qualification Record | <input type="radio"/> ASME IX | <input type="radio"/> AWS D1.1 |
| <input type="radio"/> WQT : Welder Qualification Test | <input type="radio"/> ASME IX | <input type="radio"/> AWS D1.1 |

- ☐ Imported Steel Testing
- ☐ Radiographic Test (CRT)
- ☐ Ultrasonic Flaw Detection (UT)
- ☐ Magnetic Particle Test (MT)
- ☐ Liquid Penetrant Test (PT)

- ☐ Inspection & Testing Plan
- ☐ Surface Preparation : Grit & Sand blasting
- ☐ Surface Coating Measurement DFT
- ☐ Manufacturing Data Report

Per requirement

- ☐ Substantial Support for : Fabricate Components and General Mechanic
- ☐ Cradle Support design for : Fabricate Vessels and Tank
- ☐ Steel frames , Bundles for : Structural steel & Pipe (HDPE,Steel,PVC)
- ☐ Steel box, Wooden box including certificate for : Equipment
- ☐ Skid & Specially built pallet for : Large robust loads, Impractical for crating

- ☐ Inspection & Testing Plan
- ☐ Shutdown and Turnaround Inspection
- ☐ Maintenance Service

* The category of our services provided shall be dedicated but not limited to...

Our Scope of Supply

Paper and Pulp Mill



Advance Paper Mill3 Co., LTD
(304 Estate Prachinburi)

The Whole Mechanical,
Fabrication and Erection works.

(Year 2012)



Thai Cane Paper Public Co.,Ltd
(Kabinburi / Prachinburi)

Machine & Equipment
Installation

(Year 1998)



Advance Agro Public Co., LTD
(304 Estate Prachinburi)

Black Liquor Storage Tank 46.52m.
Diameter x 14.718m. Height
Volume 24,000 m3

(Year 2001)



Thai Paper Co., Ltd
(KK #1 / Khonkean)

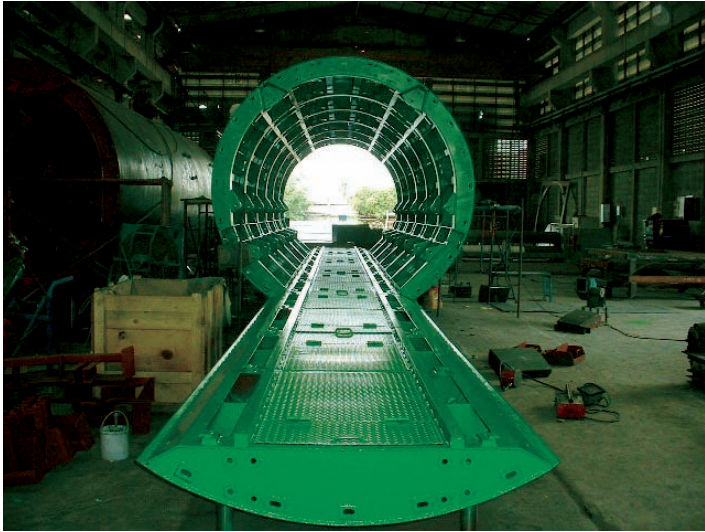
Weston Myer Ltd.

Dilution Tank & Storage Tower
Equipment Installation and
Piping work for Stock Preparation

(Year 2008)



Our Scope of Supply



Infrastructure

CH.Karnchang Public Co., Ltd.
(Seammit Executive Co., Ltd. : Bangkok)

MRTA Project

Station Roof Entrance Material Procurement, Fabrication work
Installation work (M.R.T. Chaloem Ratchamongkhon Line)

(Year 2002)

First Global International Co., Ltd.
(Korea)

Full round mold of formwork dia 3M

(Year 2004)

Chemical Plant

Deitrich Reimelt KG.
(Thai Plastic and Chemical PLC.
: Rayong)

450 M3 Stainless Steel Silos
Fabrication & Erection work

(Year 1998)

Sima Interproduct Co.,Ltd.
(Phanomsarakarm : Chachoengsao)

Fermentor & Beer Well
For Ethanol Plant

(Year 2007)

CH. Karnchang Public CO.,Ltd
(Samutprakarn)

Bangkok Aviation Fuel PLC.

Piping work for Jet Fuel

(Year 2004)

Sibelco mineral (Thailand) Co.,Ltd
(Bang Leam / Nakornpathom)

Mechanical, Fabrication
and Installation works

(Year 1998)



Our Scope of Supply

Particle Board Plan

Metro Particle Co.,Ltd.
(Sai-noi)

The Whole Mechanical Fabrication
and Erection works

(Year 2010)



Sanitary Plant

2nd Factory TOTO (Thailand) Co.,Ltd
(Saraburi)

1. Slip Sending Tank Fabrication & Installation
- 2.-3. Machine Installation and Piping Work for
Slip Preparation Section

4.-5. Casting Machine Fabrication & Installati

6.-7. Spray Robot Booth and Hand Spray Boo
Fabrication & Installation

Year 2017 – 2018



Our Scope of Supply



Minning

Ausenco Services Pty Ltd.

Snapper Mineral Sands Project
(Australia)

Structural Steel Float concentrator
(Year 2009)

Terra Nova Technologies, Inc

Spence - Growth option Project (Chili)

● Sacrificial and Overland conveyor (Year 2018)

Nord Gold Gross Project (Syberia- Russia)

● Mobile/Overland conveyor (Year 2017)

Aurora Decoupling Project (Guyana, South American)

● Super Portable conveyor (Year 2019)



Ausenco International

Chatree North Gold Project (Phichit)

Platework & Shop Tanks (Year 2010)

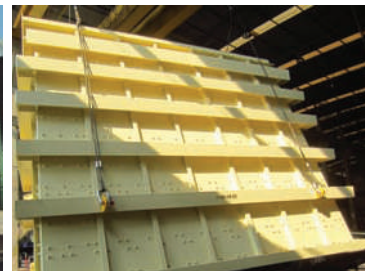
Lycopodium

ITY CIL Project (Côte d'Ivoire)

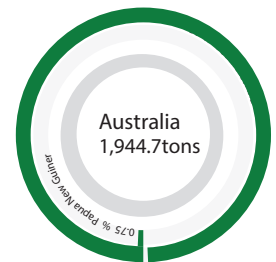
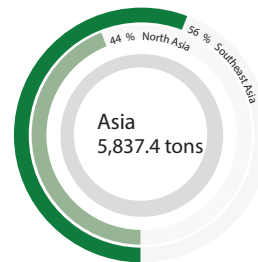
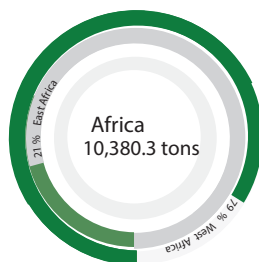
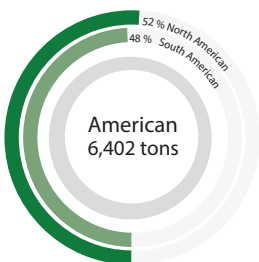
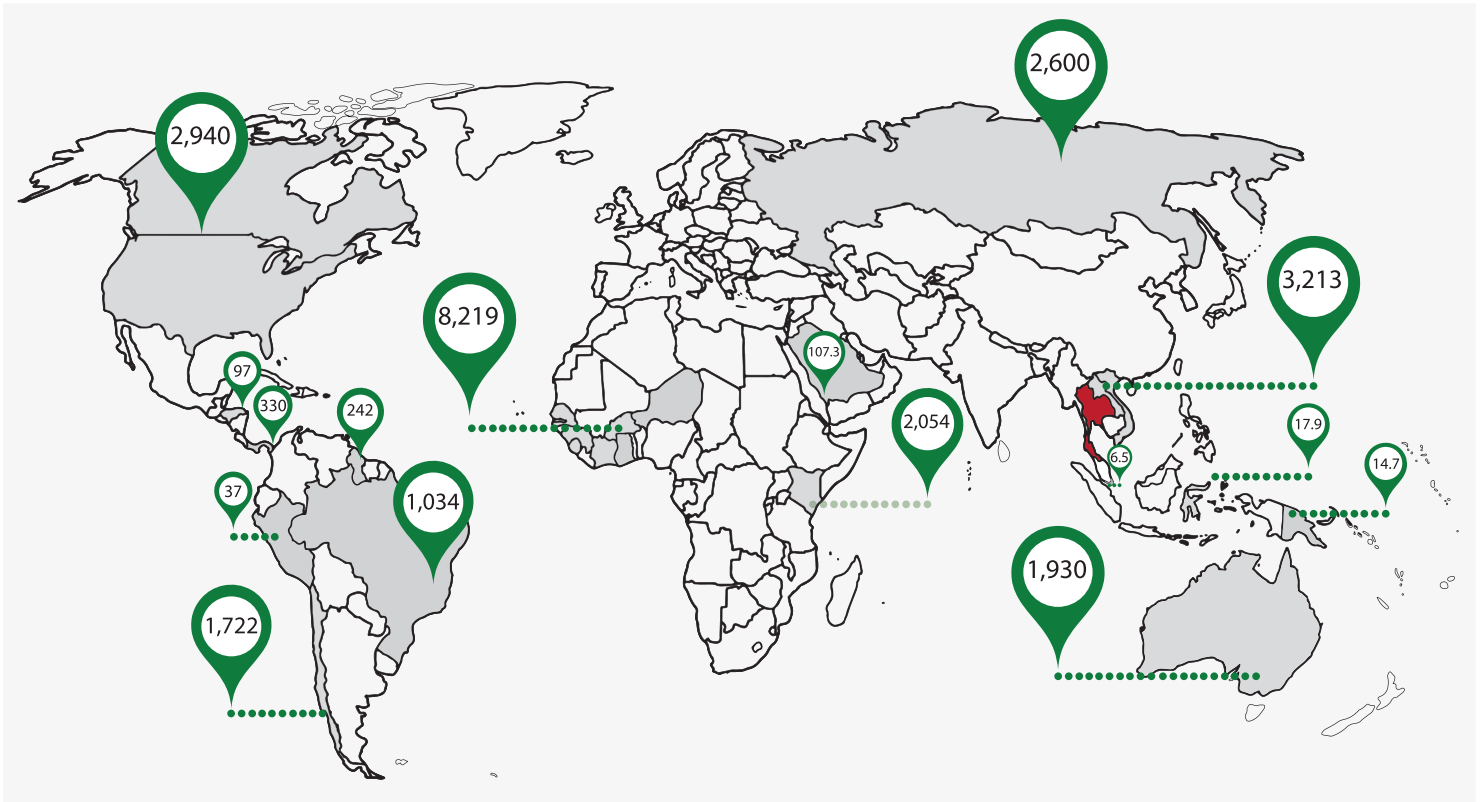
● Platework Fabrication (Year 2018)

Wahgnion Gold Project (Burkina Faso)

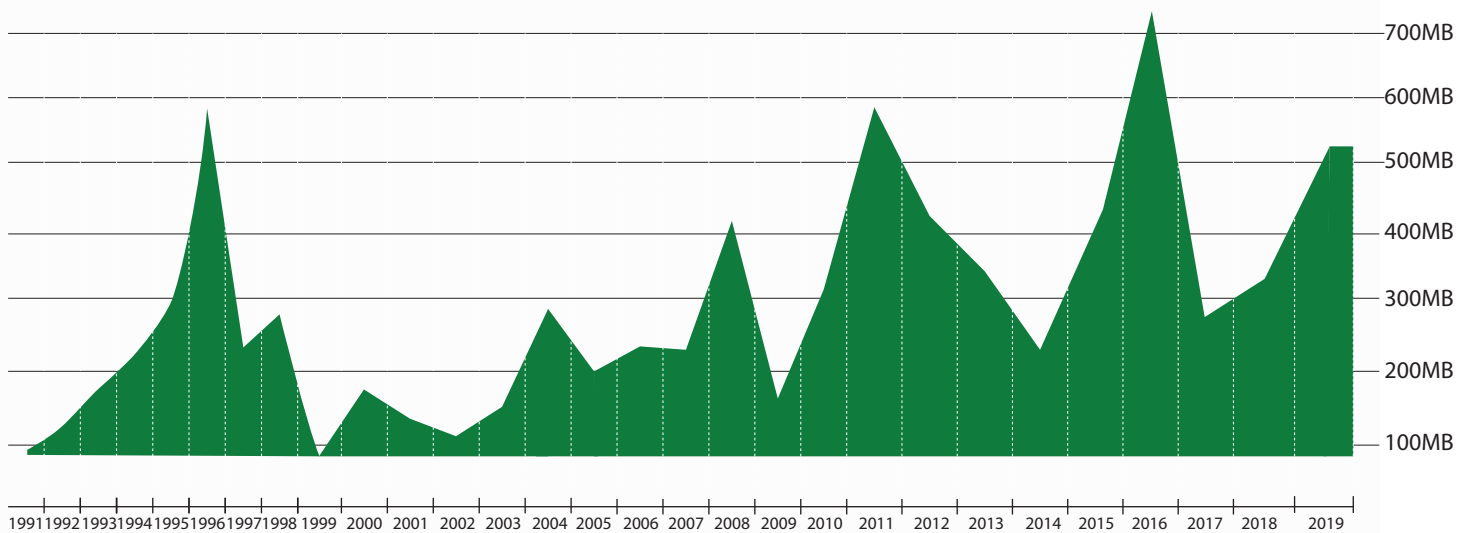
● Platework Fabrication (Year 2018)



Global Project Data



Annual Statistic



Our Safety Policy

"ZERO ACCIDENT" POLICY

- Employee Engagement in All HSE Procedure & Activities

HEALTH

- Medical Check (Pre-, During)
- Alcohol and Other Drugs Check
- Social Security

SAFETY

- PPE
- SWMS
- JSEA
- Emergency Management
- Training & Competency Management

ENVIRONMENT

- 5S
- Light , Noise & Dust Management
- Waste Management



Individual Certification



ASNT



SEC



CSWIP



สถาบันมาตรวิทยาแห่งชาติ
National Institute of Metrology (Thailand)

NIMT



PCN



สภาวิศวกร
COUNCIL OF ENGINEERS

Council of Engineering



Safety Officer



(Year 2010) Project for : Metro Particle Co.,Ltd. (Sai-noi)

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