

## អំពីរយៈទៅ 5 ការបង្កើនវិនិច្ឆ័យគេរែច្នៃតាមគ្រប់រុណុយដីមូលដឹកជញ្ជូន

### (Special Machining Process)

#### 5.1 សារន៍តាំង

ការអតិថិជ្ជនតែងវិត្យភាពទាំង ៣ នឹងការគិតគ្នារីហួរ ១ និង ២ ដើម្បី  
រួមចំណែក ការផ្តល់ការងារ និងការការពារកិតក្រុងការបង្កើន និងការការពារ  
អីយុត្តិធម៌ តើមិនអាចរាយការបង្កើនបាន តាមការបង្កើន និងការការពារ ត្រូវបានការពារកិត  
តាមការត្រួតពេញលេញ និងការត្រួតពេញលេញ ក្នុងការបង្កើន និងការការពារ ត្រូវបានការពារកិត

# ក្រែងការរុនវិធីការអបិតត្រូយមនេរោងស៊ីជីថី (Special Machining Process)

ក្រែងការរុនវិធីការអបិតត្រូយមនេរោងស៊ីជីថី (Machining Process) ហានឹងត្រូវបានអាសយដ្ឋានគ្នា ឡើងទៅ

ត្រូវបានលើកឡើងទៅ

## 5.2 ក្រែងការរុនវិធីការអបិតត្រូយមនេរោងស៊ីជីថី

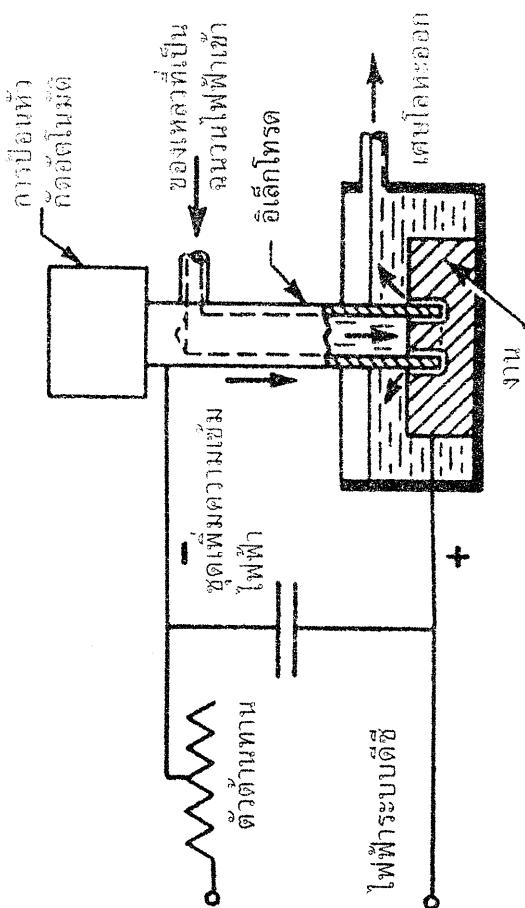
1. គ្រឿងក្រែងការរុនវិធីការអបិតត្រូយមនេរោងស៊ីជីថី (Electric Discharge Machine) : EDM) នៃក្រែងការរុនវិធីការអបិតត្រូយមនេរោងស៊ីជីថី គ្រឿងក្រែងការរុនវិធីការអបិតត្រូយមនេរោងស៊ីជីថី

၏ စွမ်းပေါ်မှုပေါ်များ အတွက် လျှပ်စီးများ ပေါ်များ ဖြစ်သည့် အကြောင်း

၏ အမြန် ပေါ်များ အတွက် လျှပ်စီးများ ပေါ်များ ဖြစ်သည့် အကြောင်း

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ກອມເກີດອົງ ແຮອດກຣາກິພຕໍ ຜົນງານໂຄຫະວັນທີ່ໄດ້

၃၇၀၂။ မြန်မာရှိသော ပုဂ္ဂန်များ၊ မြန်မာရှိသော ပုဂ္ဂန်များ၊

ພ້າຍ ព່າຍ ປ້າຍ ພ້າຍ ປ້າຍ ພ້າຍ ປ້າຍ ພ້າຍ ປ້າຍ ພ້າຍ ປ້າຍ ພ້າຍ ປ້າຍ

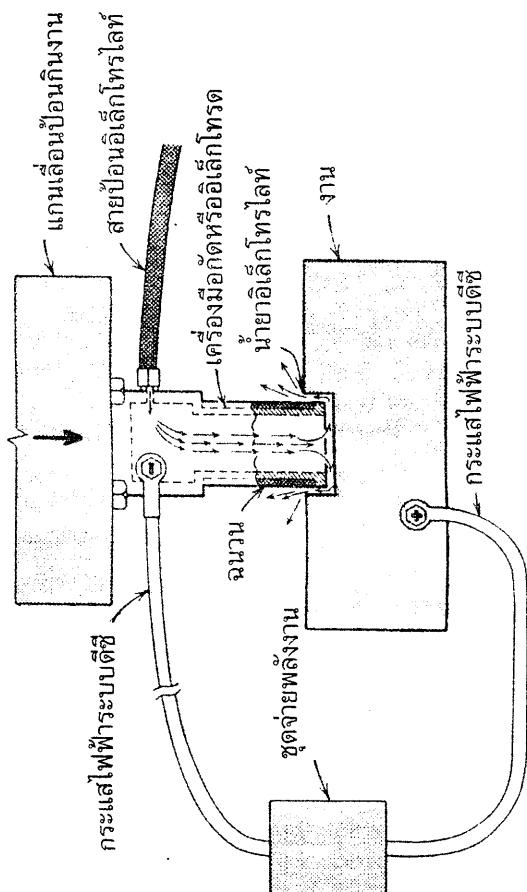
มาจากการเกิดการเปลี่ยนผ่าน (Spark) ที่นำความเกิดการเกิดการเปลี่ยนผ่านมา

၁၃၈၂ မြန်မာရှိသေးကြောင်း၊ မြန်မာရှိသေးကြောင်း၊ မြန်မာရှိသေးကြောင်း၊

ក្នុងពាណិជ្ជកម្ម នៅលើកណ្តាល ត្រូវបានស្វែងរក ដើម្បីបានស្ថិត និងស្ថាបន្ទាល់

ព្រៃនីមួយៗ សូមទិញរាយ ក្នុងការបង្កើតរឹងរាល់ ដើម្បីបង្កើតរឹងរាល់  
ក្នុងការបង្កើតរឹងរាល់ ដើម្បីបង្កើតរឹងរាល់

## 2. เครื่องไฟ化เคมี (Electro Chemical Machining : ECM)



หลักการทำงานในอัลตร้าโซนิก ต้องการกัดเฉือนวัวค (Anode)

แม่ตัวกัด หรือ อิเล็กโทรดเฉือนวัวค (Cathode) ต้องติดหนังะ

ต้องนำไฟฟ้าที่ได้ ไปรับน้ำสินน โดยจะใช้ห้องเด้งเป็นหลัก

ឧបាសម្ព័នសកម្មធនការនាមពីរនាក់តាមលទ្ធផល 1.4 - 2.4 Mpa

ក្នុងព្រឹត្តការណ៍ដែលបានធ្វើឡើង ការណ៍ត្រួតពិនិត្យការងារ ការងារកំណត់ត្រា និងការងារកំណត់ត្រាដែលបានធ្វើឡើង

នានាគារ 10,000 នាទី និងការងារកំណត់ត្រាដែលបានធ្វើឡើង ការងារកំណត់ត្រាដែលបានធ្វើឡើង

ការងារកំណត់ត្រាដែលបានធ្វើឡើង ការងារកំណត់ត្រាដែលបានធ្វើឡើង

ការងារកំណត់ត្រាដែលបានធ្វើឡើង ការងារកំណត់ត្រាដែលបានធ្វើឡើង

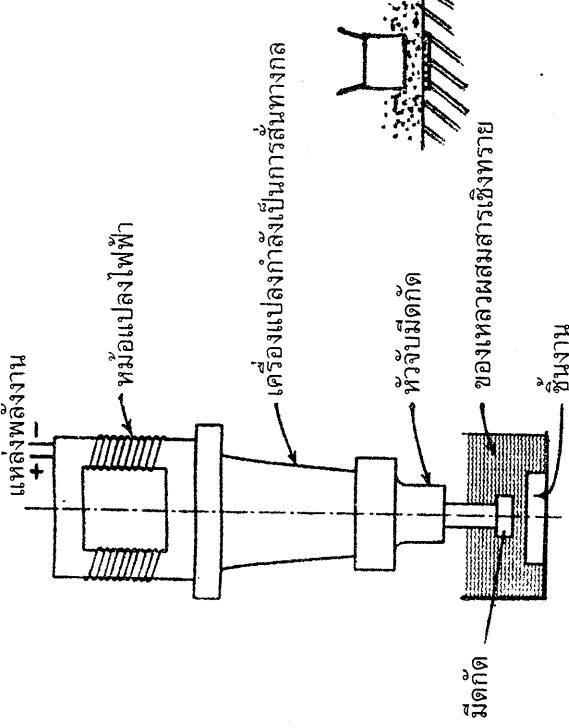
ការងារកំណត់ត្រាដែលបានធ្វើឡើង ការងារកំណត់ត្រាដែលបានធ្វើឡើង

ការងារកំណត់ត្រាដែលបានធ្វើឡើង ការងារកំណត់ត្រាដែលបានធ្វើឡើង

เพื่อรักษาอุณหภูมิของหัวเจียร์ต่ำๆ จะทำให้ชิ้นงาน

## ถูกกัดกร่อนในอุตตรา 0.01 ม.<sup>3</sup> / วินาที

### 3. เครื่องจักรอัลตร้าโซนิก (Ultrasonic Machining)



## หลักการทั่วไปของเครื่องนับชั้งวินาที อะไหล่ไฟฟ้าหัวกัด (Tool Holder)

มีรูปโครงสร้างหน่วยงานที่ต้องการ ให้ดูการตั้งค่าและท่อน้ำด้วยความติดตาม

ส่วนประกอบ 20,000 - 30,000 เฮิรตซ์ (Hz) ด้วยช่วงค่าเดียว

มาบน 0.03 - 0.13 เมม. และวิเคราะห์จากผู้ผลิตของเหลว

ผ่านบริเวณหัวกัดด้วยการสัมผัสนะที่สูง จะวัดผลกระทบทาง

ด้วยความเร็วสูง จนผ่านงานเกิดการกัดกร่อนตามรูปร่างของหัวกัด

ด้วยอัตราปอน 0.01 เมม. / วินาที จะได้ค่าความถี่ต่อจังหวะ

នាមីនិត្តការបង្កើតរំភាសាអាស់សាស្ត្រ និងអាហារ

នាមីនិត្តការបង្កើតរំភាសាអាស់សាស្ត្រ និងអាហារ

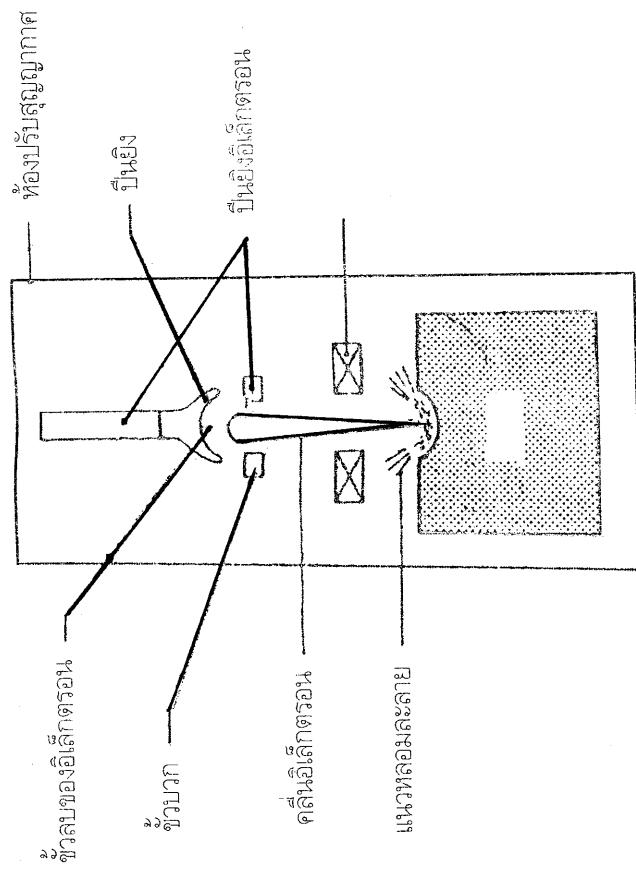
នាមីនិត្តការបង្កើតរំភាសាអាស់សាស្ត្រ និងអាហារ

នាមីនិត្តការបង្កើតរំភាសាអាស់សាស្ត្រ និងអាហារ

នាមីនិត្តការបង្កើតរំភាសាអាស់សាស្ត្រ និងអាហារ

នាមីនិត្តការបង្កើតរំភាសាអាស់សាស្ត្រ និងអាហារ

## 4. เครื่องแม่จั่งอิเล็กตรอน (Electron Beam Machining)



หลักการทำงานของเครื่องแม่จั่งอิเล็กตรอน คือ แสงอิเล็กตรอนที่มีพลังงาน

จดันพัดเคลื่อนตัวด้วยความเร็ว 16000 กม./วินาที จะเปลี่ยนมา

ပြောမှတ်နေသူများ၏ အကြောင်းအရာများ၊ မြန်မာနိုင်ငံ၏ အကြောင်းအရာများ

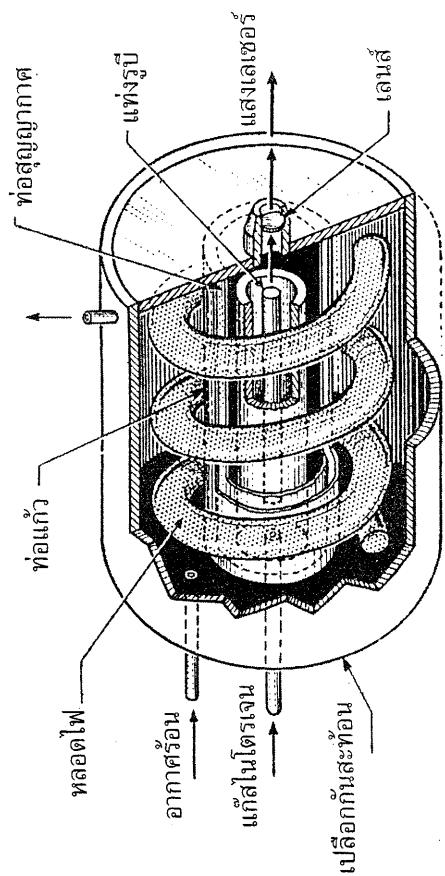
ကြော်လောက်စွာ ဖော်ဆောင်ရွက်ခဲ့သူများ၊ မြန်မာနိုင်ငံ၏ အကြောင်းအရာများ

မြန်မာနိုင်ငံ၏ အကြောင်းအရာများ

မြန်မာနိုင်ငံ၏ အကြောင်းအရာများ၊ မြန်မာနိုင်ငံ၏ အကြောင်းအရာများ

မြန်မာနိုင်ငံ၏ အကြောင်းအရာများ၊ မြန်မာနိုင်ငံ၏ အကြောင်းအရာများ

## 5. គ្រឿងមិនតែលទាហរណ៍ (Laser Beam Machining)



ឯកសារនេះផ្តល់ព័ត៌មានលម្អិតការងារដែលត្រូវបានរាយការណ៍ដើម្បីបង្កើតការងារដែលត្រូវបានរាយការណ៍។

គ្រឿងមិនតែលទាហរណ៍ (Laser Beam Machining) គឺជាការប្រើប្រាស់មិនតែលទាហរណ៍ដើម្បីបង្កើតការងារដែលត្រូវបានរាយការណ៍។ ការបង្កើតការងារនេះត្រូវបានធ្វើឡើងជាផ្លូវការក្នុងការងារដែលត្រូវបានរាយការណ៍។ គ្រឿងមិនតែលទាហរណ៍ គឺជាការប្រើប្រាស់មិនតែលទាហរណ៍ដើម្បីបង្កើតការងារដែលត្រូវបានរាយការណ៍។

ចូលរាងក្នុងតាមរយៈការប្រើប្រាស់ ចំណេះត្រួតពិនិត្យ ហើយទីនាទីដែលការកំណត់

ផ្លូវត្រូវត្រួតពិនិត្យ ដែលត្រូវបានប្រើប្រាស់ ដើម្បីបញ្ចប់ការពិនិត្យ។

ក្នុងត្រូវបានប្រើប្រាស់ ត្រូវបានប្រើប្រាស់ ដើម្បីបញ្ចប់ការពិនិត្យ។

ត្រូវបានប្រើប្រាស់ ដើម្បីបញ្ចប់ការពិនិត្យ។

